

## A

- Abate, A. see H.-P. Podhasky (417) 349
- Abate, A. see T. Ullrich (406) 66
- Abdullaev, Z.Kh., R.F. Latypov, A.Ya. Badretdinov, D.A. Dolgikh, A.V. Finkelstein, V.N. Uversky and M.P. Kirpichnikov, S6 permutein shows that the unusual target topology is not responsible for the absence of rigid tertiary structure in de novo protein albebetin (414) 243
- Abe, J. see T. Ramamurthy (413) 174
- Abe, K. see S.-S. Park (400) 103
- Abe, Y. see H. Kishi (402) 198
- Abete, P., S. Bianco, C. Calabrese, C. Napoli, F. Cacciatore, N. Ferrara and F. Rengo, Effects of melatonin in isolated rat papillary muscle (412) 79
- Abramson, S.B. see A.R. Amin (410) 259
- Abu-Ghazaleh, R. see C. Wheeler-Jones (420) 28
- Abuja, P.M., P. Liebmman, M. Hayn, K. Schauenstein and H. Esterbauer, Antioxidant role of melatonin in lipid peroxidation of human LDL (413) 289
- Accornero, P. see M. Radrizzani (411) 87
- Achouri, Y. see I. Gerin (419) 235
- Acuto, O. see H.K. Lorenzo (411) 231
- Adachi, A. see R.A. Furuta (415) 231
- Adachi, A. see M. Kawamura (415) 227
- Adachi, S. see S.-Y. Park (412) 346
- Adami, P. see B. Desvoyes (410) 303
- Adang, M.J. see J.-L. Schwartz (412) 270
- Adecock, I.M. see R. Newton (418) 135
- Ade, P. see C. Guastadisegni (413) 314
- Adelhorst, K. see B. Wulff (413) 405
- Adler, L. see N. Akhtar (403) 173
- Adrait, A. see I. Michaud-Soret (413) 473
- Aertgeerts, K. see A. Gils (415) 192
- Affaitati, A. see L. Fucci (407) 101
- Agapov, I.I., A.G. Tonevitsky, A.T. Shamshiev, E. Pohl, P. Pohl, R.A. Palmer and M.P. Kirpichnikov, The role of structural domains in RIP II toxin model membrane binding (402) 91
- Ager, A. see P.J. Middelhoven (414) 14
- Aggarwal, A.K. see C.R. Escalante (414) 219
- Aggarwal, A.K. see J.A. Hirsch (403) 136
- Aggarwal, B.B. see B.G. Darnay (406) 101
- Aggarwal, B.B. see B.G. Darnay (410) 361
- Agius, L. see T.D. Spurway (404) 111
- Agou, F. see S. Mesnildrey (418) 53
- Aguerre-Chariol, O. see T. Boukhnikachvili (409) 188
- Aharonowitz, Y. see O. Landman (405) 172
- Ahlfors, S. see E. Rosengren (417) 85
- Ahmad, S. see R. Marzari (411) 27
- Ahmad, S., M.A. Choudhry, R. Shankar and M.M. Sayeed, Transforming growth factor- $\beta$  negatively modulates T-cell responses in sepsis (402) 213
- Ahmadian, M.R. see A. Wittinghofer (410) 63
- Ahmadian, M.R., R. Mittal, A. Hall and A. Wittinghofer, Aluminium fluoride associates with the small guanine nucleotide binding proteins (408) 315
- Ahn, B.-Y. see J.-H. Lim (406) 142
- Ahokas, J.T. see R.M. Bolton (406) 216
- Ahokas, K. see H. Salminen (419) 220
- Ahram, M. see I.M. Berquin (419) 121
- Ahring, P.K., D. Strøbæk, P. Christophersen, S.-P. Olesen and T.E. Johansen, Stable expression of the human large-conductance  $\text{Ca}^{2+}$ -activated  $\text{K}^{+}$  channel  $\alpha$ - and  $\beta$ -subunits in HEK293 cells (415) 67
- Aigle, M. see P. Sivadon (417) 21
- Airiau, M. see T. Boukhnikachvili (409) 188
- Aitai, K. see R. Machovich (407) 93
- Akagi, T., H. Ono, N. Tsuchida and K. Shimotohno, Aberrant expression and function of p53 in T-cells immortalized by HTLV-1 Tax1 (406) 263
- Akaishi, T. see H. Sawada (412) 521
- Akama, K., A. Naß, V. Junker and H. Beier, Characterization of nuclear tRNA<sup>137</sup> introns: their evolution from red algae to higher plants (417) 213
- Akanuma, S., C. Qu, A. Yamagishi, N. Tanaka and T. Oshima, Effect of polar side chains at position 172 on thermal stability of 3-isopropylmalate dehydrogenase from *Thermus thermophilus* (410) 141
- Akari, H. see R.A. Furuta (415) 231
- Akari, H. see M. Kawamura (415) 227
- Akatsuka, H. see N. Yanaka (418) 333
- Akhtar, M. see I.I. Senin (408) 251
- Akhtar, N., A. Blomberg and L. Adler, Osmoregulation and protein expression in a *pbs2* $\Delta$  mutant of *Saccharomyces cerevisiae* during adaptation to hypersaline stress (403) 173
- Akimaru, H. see D.-X. Hou (413) 60
- Akino, T. see Y. Kuroki (414) 387
- Akiyama, T. see T. Ishidate (409) 237
- Akiyama, T. see Y. Murata (409) 41
- Akopian, A.N. see L. Sivilotti (409) 49
- Akopian, A.N., V. Souslova, L. Sivilotti and J.N. Wood, Structure and distribution of a broadly expressed atypical sodium channel (400) 183
- Akusjärvi, G. see M. Mannervik (414) 111
- Al-Ahdal, M.N. see M. Mukaide (407) 51
- Alaiya, A.A. see A.-C. Bergman (417) 17
- Alatortsev, V.E., I.A. Kramerova, M.V. Frolov, S.A. Lavrov and E.D. Westphal, Vinculin gene is non-essential in *Drosophila melanogaster* (413) 197
- Alattia, J.-R., J.B. Ames, T. Porumb, K.I. Tong, Y.M. Heng, P. Ottensmeyer, C.M. Kay and M. Ikura, Lateral self-assembly of E-cadherin directed by cooperative calcium binding (417) 405
- Alava, M.A. see S. Gamen (417) 360
- Alban, C. see P. Baldet (419) 206
- Alberati-Giani, D., A.M. Cesura, C. Broger, W.D. Warren, S. Röver and P. Malherbe, Cloning and functional expression of human kynurenine 3-monooxygenase (410) 407
- Alberti, A. see E. Buratti (411) 275
- Albertini, R. see A. Passi (402) 286
- Albertini, R. see A. Passi (420) 175
- Albertini, R., P. Ramos, A. Giessauf, A. Passi, G. De Luca and H. Esterbauer, Chondroitin 4-sulphate exhibits inhibitory effect during  $\text{Cu}^{2+}$ -mediated LDL oxidation (403) 154
- Albet, S., C. Causeret, M. Bentejac, J.-L. Mandel, P. Aubourg and B. Maurice, Fenofibrate differently alters expression of genes encoding ATP-binding transporter proteins of the peroxisomal membrane (405) 394
- Albig, W. see O. Witt (408) 255
- Albrechtsen, R. see M.E. Durkin (411) 296
- Alekseev, A.E. see Yu.M. Kokoz (411) 71
- Aleksiev, B. see M. Perbandt (412) 573
- Alemany, M. see X. Remesar (402) 9
- Alessenko, A.V., P.Ya. Boikov, G.N. Filippova, A.V. Khrenov, A.S. Loginov and E.D. Makarieva, Mechanisms of cycloheximide-induced apoptosis in liver cells (416) 113
- Alessi, D.R., The protein kinase C inhibitors Ro318220 and GF109203X are equally potent inhibitors of MAPKAP kinase-1 $\beta$  (Rsk-2) and p70S6 kinase (402) 121
- Alessi, D.R. see P. Cohen (410) 3
- Alessi, D.R. see M. Shaw (416) 307
- Alewijnse, A.E., M.J. Smit, M. Sol Rodriguez Pena, D. Verzijl, H. Timmerman and R. Leurs, Modulation of forskolin-mediated adenylyl cyclase activation by constitutively active  $\text{G}_s$ -coupled receptors (419) 171
- Alewood, D. see P.K. Pallaghy (419) 191
- Alewood, P.F. see P.K. Pallaghy (419) 191
- Alexandre, A. see L. Cavallini (400) 99
- Alexandrov, I., L. Shlyakhova, A. Vartanian, M. Zajac-Kaye and N. Alexandrova, c-Raf kinase binds to N-terminal domain of c-Myc (414) 465
- Alexandrova, N. see I. Alexandrov (414) 465
- Alfano, M. see P. Gaetani (404) 303
- Alfos, S. see V. Enderlin (412) 629
- Al-Hasani, H., B. Eisermann, N. Tennagels, C. Magg, W. Paßlack, M. Koenen, D. Müller-Wieland, H.E. Meyer and H.W. Klein, Identification of Ser-1275 and Ser-1309 as autophosphorylation sites of the insulin receptor (400) 65
- Alho, H. see M. Erhola (409) 287
- Alho, H. see J. Leimonen (417) 150
- Alibert, G. see N. Vallée (411) 115
- Alix, A.J.P. see F. Fleury (411) 215
- Al-Karadaghi, S. see J. Unge (411) 53

- Alkema, W. see M. van der Giezen (408) 147
- Allakhverdiev, S.I. see V.V. Klimov (418) 243
- Allali-Hassani, A., S.E. Martínez, J.M. Peralba, J. Vaglenova, F. Vidal, C. Richart, J. Farrés and X. Parés, Alcohol dehydrogenase of human and rat blood vessels (405) 26
- Allali-Hassani, A., S.E. Martínez, J.M. Peralba, J. Vaglenova, F. Vidal, C. Richart, J. Farrés and X. Parés, Erratum to: Alcohol dehydrogenase of human and rat blood vessels. Role in ethanol metabolism (FEBS 18296) [*FEBS Letters* 405 (1997) 26–30] (411) 395
- Allavena, P. see S. Sozzani (418) 98
- Allen, M.D. and R.N. Perham, The catalytic domain of dihydrolipoyl acetyltransferase from the pyruvate dehydrogenase multienzyme complex of *Bacillus stearothermophilus*. Expression, purification and reversible denaturation (413) 339
- Allen, P.D. see Y. Nakashima (417) 157
- Allen, P.G., Functional consequences of disulfide bond formation in gelsolin (401) 89
- Allende, C.C. see D. Cosmelli (410) 391
- Allende, J.E. see D. Cosmelli (410) 391
- Allikmets, R. see V.I. Kashuba (419) 181
- Allouch, P. see W. Bouhedja (412) 39
- Alonso, A. see G. Basáñez (411) 281
- Alonso, J. see F.J. Medrano (400) 91
- Alroy, I. and Y. Yarden, The ErbB signaling network in embryogenesis and oncogenesis: signal diversification through combinatorial ligand-receptor interactions (410) 83
- Al-Rubeai, M. see J. Klucar (400) 127
- Altamura, N., B. de Pinto, R. Castaldo and J. Verdière, The transcription of *NAM7/UPF1* is enhanced in the absence of Cyp1p/Hap1p concomitant with the appearance of an *ISF1-NAM7* cotranscript in *Saccharomyces cerevisiae* (409) 96
- Altieri, A.S., M.J. Mazzulla, H. Zhou, N. Costantino, D.L. Court and R. Byrd, Sequential assignments and secondary structure of the RNA-binding transcriptional regulator NusB (415) 221
- Altura, B.M. see G.A. Morrill (408) 191
- Altura, B.T. see G.A. Morrill (408) 191
- Álvarez, A.M. see A. Porras (416) 324
- Alvarez, C.I. see J.G. Blanco (409) 396
- Alvarez-Bravo, J. see Y. Nakajima (415) 64
- Alzari, P.M. see H.K. Lorenzo (411) 231
- Alzari, P.M. see E. Osinaga (412) 190
- Amagaya, S. see S. Ushiro (418) 341
- Amaldi, F. see F. Loreni (416) 239
- Aman, P. see E. Rosengren (417) 85
- Amano, K. see R.A. Furuta (415) 231
- Amano, K.-I. see A. Ziolkowski (411) 221
- Amemiya, Y. see J.-M. Zhou (415) 183
- Ames, J.B. see J.-R. Alattia (417) 405
- Amiche, M. see V. Vouille (414) 27
- Amici, A., M. Emanuelli, G. Magni, N. Raffaelli and S. Ruggieri, Pyrimidine nucleotidases from human erythrocyte possess phosphotransferase activities specific for pyrimidine nucleotides (419) 263
- Amicosante, G. see B. Quinting (406) 275
- Amikam, D. see H. Weinhouse (416) 207
- Amin, A.R., R.N. Patel, G.D. Thakker, C.J. Lowenstein, M.G. Attur and S.B. Abramson, Post-transcriptional regulation of inducible nitric oxide synthase mRNA in murine macrophages by doxycycline and chemically modified tetracyclines (410) 259
- Amiot, F. see O. Boussadia (420) 20
- Amler, E. see H. Linnertz (419) 227
- Amodeo, P. see A. Capasso (417) 141
- Amouri, R. see A. Ménard (413) 477
- Amrhein, N. see R. Tommasini (411) 206
- Amsellem, S. see C. Chapelin (412) 325
- Amstislavskaya, T.G. and N.N. Kudryavtseva, Effect of repeated experience of victory and defeat in daily agonistic confrontations on brain tryptophan hydroxylase activity (406) 106
- An, S., T. Bleu, W. Huang, O.G. Hallmark, S.R. Coughlin and E.J. Goetzl, Identification of cDNAs encoding two G protein-coupled receptors for lysosphingolipids (417) 279
- Anai, M. see Y. Fukushima (409) 283
- Anamnart, S. see K. Fujimori (413) 226
- Anashchenko, V.A. see N.A. Ponomarenko (413) 7
- Ancellin, N., L. Preisser, B. Corman and A. Morel, Role of protein kinase C and carboxyl-terminal region in acute desensitization of vasopressin V1a receptor (413) 323
- Anciaux, K., K. Van Dommelen, R. Willems, D. Roymans and H. Slegers, Inhibition of nucleoside diphosphate kinase (NDPK/nm23) by cAMP analogues (400) 75
- Anderie, I. see M. Braun (411) 255
- Andersen, J. see M.G. Fury (404) 70
- Andersen, O.S. see N. Mobashery (412) 15
- Anderson, W.H. see Z. Kiss (400) 145
- Andersson, A., D. Jordan, G. Schneider and Y. Lindqvist, A flexible lid controls access to the active site in 1,3,8-trihydroxynaphthalene reductase (400) 173
- Andersson, B. see I. Parmryd (414) 527
- Andersson, M.L. and B. Vennström, Chicken thyroid hormone receptor  $\alpha$  requires the N-terminal amino acids for exclusive nuclear localization (416) 291
- Ando, K., N. Omi, T. Shimosawa and T. Fujita, Proadrenomedullin N-terminal 20 peptide (PAMP) inhibits proliferation of human neuroblastoma TGW cells (413) 462
- Andoh, T. see D.V. Bugreev (407) 18
- Andoh, T. see M. Iwai (406) 267
- Andres, A.-C. see F. Kuhn (413) 65
- Andrew, P.J., M. Auer, I.J.D. Lindley, H.F. Kauffmann and A.J. Kungl, Intensity-independent fluorometric detection of cellular nitric oxide release (408) 319
- Andrew, P.W. see P.J. Morgan (412) 563
- Andrews, C.J. see M. Skipsey (409) 370
- Andrews, D.W. see G. Deng (402) 17
- Andrews, D.W. see M.J.G. Hughes (414) 19
- Androlewicz, M.J. see D.B. Stephens (416) 353
- Anel, A. see S. Gamen (417) 360
- Angoli, D., P. Corona, R. Baresi, M. Mora and E. Wanke, Laminin- $\alpha 2$  but not - $\alpha 1$ -mediated adhesion of human (Duchenne) and murine (*mdx*) dystrophic myotubes is seriously defective (408) 341
- Aniello, F. see L. Fucci (407) 101
- Annereau, J.-P., U. Wulbrand, A. Vankeerberghen, H. Cuppens, F. Bontems, B. Tümmler, J.-J. Cassiman and V. Stoven, A novel model for the first nucleotide binding domain of the cystic fibrosis transmembrane conductance regulator (407) 303
- Annala, A. see M.-L. Mattinen (407) 291
- Anraku, Y. see M. Kawasaki (412) 518
- Ansanay, V. see M. Bony (410) 452
- Ansieau, S. see M. Köhler (417) 104
- Ansorge, S. see Th. Wex (412) 53
- Antonelli, M. see D. Cosmelli (410) 391
- Antonova, O. see M. Jäkel (408) 21
- Antonsson, B. see G. Di Paolo (416) 149
- Antras-Ferry, J., K. Mahéo, F. Morel, A. Guillouzo, P. Cillard and J. Cillard, Dexamethasone differently modulates TNF- $\alpha$  and IL-1 $\beta$ -induced transcription of the hepatic Mn-superoxide dismutase gene (403) 100
- Anzai, K. see Y. Miura (419) 99
- Aoki, K., R. Ishida and M. Kasai, Isolation and characterization of a cDNA encoding a Translin-like protein, TRAX (401) 109
- Aoki, N. see S. Kosugi (406) 139
- Aoki, T. see K. Mori (401) 218
- Aoki, T. see K. Mori (417) 371
- Aono, S., D. Bentrop, I. Bertini, C. Luchinat and R. Macinai, The D13C variant of *Bacillus schlegelii* 7Fe ferredoxin is an 8Fe ferredoxin as revealed by  $^1\text{H}$ -NMR spectroscopy (412) 501
- Aoto, M. see K. Sato (410) 136
- Aoyagi, H. see T. Fujisawa (414) 79
- Apel, K. see P. Eppe (400) 168
- Appella, E. see A.-C. Bergman (417) 17
- Appu Rao, A.G. see E. Sudharshan (406) 184
- Apte, S.S. see K.J. Leco (401) 213
- Aquaro, S. see J. Balzarini (410) 324
- Aragón, J.J. see C. Sánchez-Martínez (409) 86
- Arahata, K. see Y. Miyagoe (415) 33
- Arai, H. see A. Hosomi (409) 105
- Arakawa, T. see H. Yu (409) 161
- Arbabi Ghahroudi, M., A. Desmyter, L. Wyns, R. Hamers and S. Muyldermans, Selection and identification of single domain antibody fragments from camel heavy-chain antibodies (414) 521
- Arber, W. see F. Olasz (413) 453

- Arboledas, D., N. Olmo, M.A. Lizarbe and J. Turnay, Role of the N-terminus in the structure and stability of chicken annexin V (416) 217
- Arciero, D.M. and A.B. Hooper, Evidence for a crosslink between  $\alpha$ -heme and a lysine residue in cytochrome P460 of *Nitrosomonas europaea* (410) 457
- Ardiles, W. see N. Terryn (416) 156
- Ardizzoni, A. see S. Salvioli (411) 77
- Arese, M. see F. Cutruzzolà (412) 365
- Arévalo, C. see F.Z. Zamudio (405) 385
- Arezi, B. see W. Kallow (414) 74
- Argenton, F., M.D. Walker, L. Colombo and M. Bortolussi, Functional characterization of the trout insulin promoter: implications for fish as a favorable model of pancreas development (407) 191
- Argotte, R. see J. Sanchez (401) 95
- Arienti, G., A. Polci, E. Carlini and C.A. Palmerini, Transfer of CD26/dipeptidyl peptidase IV (E.C. 3.5.4.4) from prostasomes to sperm (410) 343
- Arima, H., H.R. Ibrahim, T. Kinoshita and A. Kato, Bactericidal action of lysozymes attached with various sizes of hydrophobic peptides to the C-terminal using genetic modification (415) 114
- Arita, H. see K. Tanabe (408) 306
- Arita, M. see A. Hosomi (409) 105
- Ariyoshi, Y. see T. Mizukoshi (413) 409
- Armato, U. see G. Gotte (415) 308
- Armitage, I.M. see M.A. McCornack (414) 84
- Armitage, J.P. see H.L. Packer (409) 37
- Armour, K.J., D.B. Lehané, F. Pakdel, Y. Valotaire, R.G. Russell and I.W. Henderson, Estrogen receptor mRNA in mineralized tissues of rainbow trout: calcium mobilization by estrogen (411) 145
- Armstrong, C.G., G.J. Browne, P. Cohen and P.T.W. Cohen, PPP1R6, a novel member of the family of glycogen-targeting subunits of protein phosphatase 1 (418) 210
- Armstrong, M. see A. Ménard (413) 477
- Arndt, M. see Th. Wex (412) 53
- Arnold, L., M.F. Bauer, M. Brunner, W. Neupert and R.A. Stuart, Yeast mitochondrial  $F_1F_0$ -ATPase: the novel subunit c is identical to Tim11 (411) 195
- Arnold, R. see B. Simon (411) 383
- Arnott, C.H., P.G.P. Atkinson, E.M. Sale and G.J. Sale, PHAS-I phosphorylation in response to foetal bovine serum (FBS) is regulated by an ERK1/ERK2-independent and rapamycin-sensitive pathway in 3T3-L1 adipocytes (406) 179
- Aronsson, G., A.-C. Brorsson, L. Sahlman and B.-H. Jonsson, Remarkably slow folding of a small protein (411) 359
- Arrio, B. see M. Zinovieva (416) 179
- Arrol, S. see M.I. Mackness (416) 377
- Artaud, I. see D. Bonnet (409) 216
- Artemyev, N.O. see M. Natochin (411) 179
- Artemyeva, O.V. see A.V. Zelenin (414) 319
- Artuso, L. see V. Wolf (417) 385
- Artz, R.R.E. see M. van der Giezen (408) 147
- Asahi, Y. see T. Sato (407) 329
- Asai, Y. see S. Ohya (420) 47
- Asano, T. see Y. Fukushima (409) 283
- Asano, T. see T. Murata (406) 109
- Asano, T. see R. Nomura (415) 139
- Asano, Y. see K. Kikugawa (404) 175
- Aschauer, H. see M.F. Meyer (413) 385
- Ascoli, F. see L. Fiorucci (408) 85
- Ashcroft, F.M. see C. Karschin (401) 59
- Ashcroft, S.J.H. see M.A. Breen (409) 375
- Ashish and R. Kishore, Thermodynamic characterizations of an intramolecularly hydrogen bonded  $C_5$ -structure across proteinogenic residue (417) 97
- Ashorn, C.L. see S. Che (413) 417
- Ashraf, W. see V. Pamnani (404) 263
- Ashton, A.R. and G.M. Siegel, Stimulation of spinach (*Spinacia oleracea*) chloroplast fructose-1,6-bisphosphatase by mercuric ions (408) 30
- Askari, A. see A. Ivanov (420) 107
- Askari, F.K., Y. Hitomi and Z. Xie, Augmentation of ouabain sensitivity of rat liver Na/K-ATPase by in vivo adenovirus-mediated expression of the Na/K-ATPase  $\alpha 2$  subunit (405) 5
- Askerlund, P. see S. Malmström (400) 324
- Assa-Munt, N. see M.R. Hileman (415) 145
- Asselberghs, S. see K. Croes (412) 643
- Assfalg-Machleidt, I. see C. Randak (410) 180
- Atkinson, P.G.P. see C.H. Arnott (406) 179
- Atlas, D. see O. Wiser (404) 203
- Atrian, S. see N. Cols (413) 191
- Attfield, P.V. see B.W. Hazell (414) 353
- Attur, M.G. see A.R. Amin (410) 259
- Atzorn, R. see J. Piel (416) 143
- Aubourg, P. see S. Albet (405) 394
- Audigier, Y. see E. Devic (417) 184
- Auer, B. see S. Geley (402) 36
- Auer, G. see A.-C. Bergman (417) 17
- Auer, K.L. see W. Jarvis (412) 9
- Auer, M. see P.J. Andrew (408) 319
- Auerswald, E.A. see B. Gerhartz (412) 551
- Auerswald, E.A. see C. Randak (410) 180
- Augustin, H.G. see D.H. Kozian (414) 239
- Augustin, W. see H. Possel (416) 175
- Aula, P. see A. Majander (412) 351
- Auricchio, S. see L. Maiuri (408) 225
- Aussel, C. see R. Marhaba (405) 163
- Autai, K.S. see L.-P. Berg (403) 83
- Avaeva, S., S. Kurilova, T. Nazarova, E. Rodina, N. Vorobyeva, V. Sklyankina, O. Grigorjeva, E. Harutyunyan, V. Oganessyan, K. Wilson, Z. Dauter, R. Huber and T. Mather, Crystal structure of *Escherichia coli* inorganic pyrophosphatase complexed with  $SO_4^{2-}$ . Ligand-induced molecular asymmetry (410) 502
- Avalos, J. see R. Sánchez-Fernández (413) 35
- Avanzi, N. see S. Toma (408) 5
- Averna, M. see F. Salamino (412) 433
- Avila, J. see J.R. Muñoz-Montaño (411) 183
- Avilés, F.X. see M. Gomez-Ortiz (400) 336
- Avilés, F.X. see D. Reverter (420) 7
- Awasthi, Y.C. see J. Bandorowicz-Pikuła (409) 300
- Axmann, A. see T. Reimann (403) 57
- Aynsley-Green, A. see W.M. Macfarlane (413) 304
- Ayres, M. see G.A. Joly (403) 40
- Azad, A.A. see I.G. Macreadie (410) 145
- Azaïs-Braesco, V. see V. Enderlin (412) 629
- Azarian, S.M. and G.H. Travis, The photoreceptor rim protein is an ABC transporter encoded by the gene for recessive Stargardt's disease (*ABCR*) (409) 247
- Azarkina, N., V. Borisov and A.A. Konstantinov, Spontaneous spectral changes of the reduced cytochrome *bd* (416) 171
- Azem, A. see P. Goloubinoff (407) 215
- Azzi, A. see L. Brambilla (418) 247

## B

- Babakov, A.V. see A.V. Drabkin (405) 145
- Babinski, K. see K.-T. Lê (418) 195
- Bächinger, H.P. see M.V. Ignatushchenko (409) 67
- Bacigalupo, J. see B. Morales (402) 259
- Bäckesjö, C.-M. see M. Vihinen (413) 205
- Badorff, A. see A. Doerner (414) 258
- Badretdinov, A.Ya. see Z.Kh. Abdullaev (414) 243
- Badruzzaman, M. see M. Terashima (412) 227
- Badwey, J.A. see J.P. Lian (404) 211
- Baeger, I. see R.F. Haseloff (418) 73
- Baeza, N., D. Sanchez, B. Vialettes and C. Figarella, Specific reg II gene overexpression in the non-obese diabetic mouse pancreas during active diabetogenesis (416) 364
- Bagetta, G. see M. van der Stelt (415) 313
- Baggiolini, M. see U. Forssmann (408) 211
- Bagnaresi, P. see F. Sparla (414) 571
- Bagust, J. see S.J. Perry (409) 426
- Bähler, M. see G. Kalhammer (414) 599
- Baici, A. see G. Kostoulas (412) 453
- Bailey II, J. see M.A. White (410) 509
- Bailey II, J. see M.A. White (416) 387

- Bainbridge, G. see I. Gokce (411) 201
- Bajou, K. see E.N. Baramova (405) 157
- Bakalova, A.T. see S.S. Stoynov (409) 151
- Baker, A. see K. Hong (400) 233
- Bakker, J. see A. Schouten (415) 235
- Bakos, E. see G.E. Tusnády (402) 1
- Bakre, M.M. and S.S. Visweswariah, Dual regulation of heat-stable enterotoxin-mediated cGMP accumulation in T84 cells by receptor desensitization and increased phosphodiesterase activity (408) 345
- Balaban, N.P. see I.B. Leshchinskaya (404) 241
- Balakireva, L.A., Z.B. Levashova, J. Chroboczek and V.V. Vlassov, Rapid sequence-independent cellular response to oligodeoxynucleotides (400) 267
- Balasubramanian, D. see L. Rajagopal (415) 125
- Balasubramanian, K.A. see M. Madesh (413) 269
- Balboni, G. see A. Capasso (417) 141
- Balcavage, W.X. see G. Nindl (414) 501
- Baldet, P., C. Alban and R. Douce, Biotin synthesis in higher plants: purification and characterization of *bioB* gene product equivalent from *Arabidopsis thaliana* overexpressed in *Escherichia coli* and its subcellular localization in pea leaf cells (419) 206
- Baldi, A. see S. Djelloul (406) 234
- Baldini, G. see P. Washbourne (418) 1
- Balduzzi, M. see C. Guastadisegni (413) 314
- Baldwin, J.E. see M. Sami (405) 191
- Ballas, K. see T. Hla (414) 419
- Baltas, L.G., P. Karczewski, S. Bartel and E.-G. Krause, The endogenous cardiac sarcoplasmic reticulum  $\text{Ca}^{2+}$ /calmodulin-dependent kinase is activated in response to  $\beta$ -adrenergic stimulation and becomes  $\text{Ca}^{2+}$ -independent in intact beating hearts (409) 131
- Baltensperger, K. see E. Lippert (417) 292
- Balzarini, J., J. Kruining, O. Wedgwood, C. Pannecouque, S. Aquaro, C.-F. Perno, L. Naesens, M. Witvrouw, R. Heijtkink, E. De Clercq and C. McGuigan, Conversion of 2',3'-dideoxyadenosine (ddA) and 2',3'-didehydro-2',3'-dideoxyadenosine (d4A) to their corresponding aryloxyphosphoramidate derivatives markedly potentiates their activity against human immunodeficiency virus and hepatitis B virus (410) 324
- Bandorowicz-Pikula, J. and Y.C. Awasthi, Interaction of annexins IV and VI with ATP (409) 300
- Bandyopadhyay, P.K. see T.B. Stanley (407) 85
- Banfield, B.A. see C.J. Smith (405) 378
- Bannai, S. see H. Sato (405) 219
- Bannikov, V.M. see N.A. Ponomarenko (413) 7
- Banovic, L. see M.W. Crowder (418) 351
- Banting, G. see S. Soriano (403) 1
- Banting, G. see D.J. Stephens (416) 27
- Bao, Y., P. Jemth, B. Mannervik and G. Williamson, Reduction of thymine hydroperoxide by phospholipid hydroperoxide glutathione peroxidase and glutathione transferases (410) 210
- Baqué, S. see J.C. Ferrer (415) 249
- Baqué, S., J.J. Guinovart and J.C. Ferrer, Glycogenin, the primer of glycogen synthesis, binds to actin (417) 355
- Barak, D. see R. Barak (407) 347
- Barak, R., A. Ordentlich, D. Barak, M. Fischer, H.P. Benschop, L.P.A. De Jong, Y. Segall, B. Velan and A. Shafferman, Direct determination of the chemical composition of acetylcholinesterase phosphorylation products utilizing electrospray-ionization mass spectrometry (407) 347
- Baralle, F.E. see E. Buratti (411) 275
- Baramova, E.N., K. Bajou, A. Remacle, C. L'Hoir, H.W. Krell, U.H. Weidle, A. Noel and J.M. Foidart, Involvement of PA/plasmin system in the processing of pro-MMP-9 and in the second step of pro-MMP-2 activation (405) 157
- Baranov, S.V. see V.V. Klimov (418) 243
- Baranovand, V.S. see A.V. Zelenin (414) 319
- Barbato, R. see C. Poggese (414) 585
- Barber, J. see O. Kruse (408) 276
- Barbero, L.G. see J.A. Segura (414) 1
- Barbieri, L. see M.G. Battelli (408) 355
- Barbotin, J.-N. see J.-C. Portais (412) 485
- Barciszewski, J., G.E. Siboska, B.O. Pedersen, B.F.C. Clark and S.I.S. Rattan, A mechanism for the in vivo formation of  $\text{N}^6$ -furfuryladenine, kinetin, as a secondary oxidative damage product of DNA (414) 457
- Baresi, R. see D. Angoli (408) 341
- Barge, R.M.Y., R. Willemze, P. Vandenabeele, W. Fiers and R. Beyaert, Differential involvement of caspases in apoptosis of myeloid leukemic cells induced by chemotherapy versus growth factor withdrawal (409) 207
- Baricheva, E.M., A.V. Katokhin and L.M. Perelygina, Expression of *Drosophila melanogaster* gene encoding transcription factor GAGA is tissue-specific and temperature-dependent (414) 285
- Barnes, M. see J.M. Gibbins (413) 255
- Barnes, M.G. see M.E. McGrath (413) 486
- Barnes, P.J. see R. Newton (418) 135
- Barnoy, S. see H. Gonen (406) 17
- Barón, C. see R. Téllez-Sanz (409) 385
- Barra, D. see M. Simmaco (416) 273
- Barrand, M.A. see S.F. von Weikersthal (417) 395
- Barre, P. see M. Bony (410) 452
- Barrett, P. see S. Conway (407) 121
- Barsoumian, E.L. see Y. Nakashima (417) 157
- Bartel, S. see L.G. Baltas (409) 131
- Barthelemy, S. see M.A. Edeas (418) 15
- Barthou, H. see N. Vallée (411) 115
- Bartlett, S. see H. Sato (405) 219
- Basáñez, G., F.M. Goñi and A. Alonso, Poly(ethylene glycol)-lipid conjugates inhibit phospholipase C-induced lipid hydrolysis, liposome aggregation and fusion through independent mechanisms (411) 281
- Basilico, N., D. Monti, P. Oliaro and D. Taramelli, Non-iron porphyrins inhibit  $\beta$ -haematin (malaria pigment) polymerisation (409) 297
- Basran, J. see B. Birdsall (402) 157
- Bassi, R. see P. Pesaresi (402) 151
- Bassi, R. see A. Prinetti (414) 475
- Bassi, R. see P. Viani (408) 131
- Bassols, A. see J. Baulida (418) 63
- Bassols, A. see R. Onetti (407) 267
- Batanero, E., A. Ledesma, M. Villalba and R. Rodríguez, Purification, amino acid sequence and immunological characterization of Ole e 6, a cysteine-enriched allergen from olive tree pollen (410) 293
- Batchu, R.B. see P.L. Hermonat (401) 180
- Bateson, M. see M. Prescott (411) 97
- Batoz, M. see R. Marhaba (405) 163
- Batra, J.K. see D. Rathore (407) 275
- Battelli, M.G., L. Barbieri, A. Bolognesi, L. Buonamici, P. Valbonesi, L. Polito, E.J.M. Van Damme, W.J. Peumans and F. Stirpe, Ribosome-inactivating lectins with polynucleotide:adenosine glycosidase activity (408) 355
- Batthyany, C. see E. Osinaga (412) 190
- Battistoni, A. see M.T. Carri (414) 365
- Battistutta, R. see D. Schmid (414) 590
- Baty, D. see P. Chames (405) 224
- Bauer, C.S., C. Plieth, U.-P. Hansen, B. Sattelmacher, W. Simonis and G. Schönknecht, Repetitive  $\text{Ca}^{2+}$  spikes in a unicellular green alga (405) 390
- Bauer, M.F. see I. Arnold (411) 195
- Bauer, M.K.A., S. Wesselborg and K. Schulze-Osthoff, The *Caenorhabditis elegans* death protein Ced-4 contains a motif with similarity to the mammalian 'death effector domain' (402) 256
- Baulida, J. see R. Onetti (407) 267
- Baulida, J., R. Onetti and A. Bassols, Modulation of fructose-2,6-bisphosphate metabolism by components of the extracellular matrix in cultured cells. Interaction with epidermal growth factor (418) 63
- Baumeister, W. see V. Pamnani (404) 263
- Baumeister, W. see F. Zühl (400) 83
- Baumeister, W. see F. Zühl (418) 189
- Baumgartner, R. see W. Kalus (401) 127
- Bauwens, S. see H. Stals (418) 229
- Bayley, H. see P. Pan (405) 81
- Bayne, M.L. see S. Wang (411) 225
- Bazarski, E. see D. Fishman (410) 191
- Beadle, D.J. see L.A. Obosi (412) 321
- Beale, G. see P. Littlebury (400) 304
- Beale, G. see A. Morreale (417) 38
- Beaugé, L. see R. DiPollo (401) 6
- Beavis, R. see J. Ghiso (408) 105
- Becker, G.W. see A.D. Kline (407) 239
- Becker, K. see S. Gromer (412) 318

- Becker, K., P. Schneider, K. Hofmann, C. Mattmann and J. Tschopp. Interaction of Fas(Apo-1/CD95) with proteins implicated in the ubiquitination pathway (412) 102
- Becker, W. see S. Wandel (413) 495
- Beck-Sickinger, A.G. see S. Uebel (416) 359
- Beddoe, T. see T. Beilharz (407) 220
- Beekman, B., B. van El, J.W. Drijfhout, H. Ronday and J.M. TeKoppele. Highly increased levels of active stromelysin in rheumatoid synovial fluid determined by a selective fluorogenic assay (418) 305
- Beerhues, L. see W. Schmidt (420) 143
- Beger, H.G. see S. Gansauge (404) 6
- Beger, H.G. see S. Gansauge (410) 160
- Beggs, J.M. see E. Nicolas (406) 162
- Behl, C. see B. Moosmann (413) 467
- Behrendt, N. and K. Danø. Reply to comment on 'Effect of purified, soluble urokinase receptor on the plasminogen-prourokinase activation system' (A.A.-R. Higazi) (402) 293
- Behrendt, N. see G. Hoyer-Hansen (420) 79
- Beier, H. see K. Akama (417) 213
- Beier, K., A. Völkl and H. Fahimi. TNF- $\alpha$  downregulates the peroxisome proliferator activated receptor- $\alpha$  and the mRNAs encoding peroxisomal proteins in rat liver (412) 385
- Beigelman, L.N. see G.P. Moiseyev (404) 169
- Beigneux, A. see J.-M. Lacorte (415) 217
- Beilharz, T., T. Beddoe, K. Landl, P. Cartwright and T. Lithgow. The protein encoded by the *MFT1* gene is a targeting factor for mitochondrial precursor proteins, and not a core ribosomal protein (407) 220
- Beintema, J.J. see E. Bokma (411) 161
- Beintema, J.J. see G.P. Moiseyev (407) 207
- Beintema, J.J. see F.G. Pertion (408) 124
- Beletskaya, I.V., L.V. Nikonova and I.P. Beletsky. Cell cycle specificity of Fas-mediated apoptosis in WIL-2 cells (412) 91
- Beletsky, I.P. see I.V. Beletskaya (412) 91
- Belin, V. see J.G. Mabley (417) 235
- Bellelli, A. see F. Cutruzzola (412) 365
- Bellina, I. see R. Doliana (417) 65
- Belliveau, J. see A. Ménard (413) 477
- Belluoccio, D. and B. Trueb. Matrilin-3 from chicken cartilage (415) 212
- Belogurov, A. see V. Stepanova (414) 471
- Belsito, A. see M. Yoshida (403) 143
- Beltramo, M., E. di Tomaso and D. Piomelli. Inhibition of anandamide hydrolysis in rat brain tissue by (E)-6-(bromomethylene) tetrahydro-3-(1-naphthalenyl)-2H-pyran-2-one (403) 263
- Benach, J. see N. Cols (413) 191
- Bénard, J. see S.S. Mirshahi (411) 322
- Benatti, L. see S. Toma (408) 5
- Benatti, U. see L. Sturla (412) 126
- Bender, K. see M. Federwisch (407) 333
- Bendtsen, K. see M. Diamant (412) 379
- Beneytout, J.L. see B. Liagre (414) 159
- Benito, M. see A. Porras (416) 324
- Benjannet, S. see E. Decroly (405) 68
- Benjelloun-Touimi, Z. see C. De Geyter (400) 149
- Bennes, R. see P. Pellegrin (418) 101
- Bennoun, P. see L. Cournac (416) 65
- Benoliel, A.M. see A. Pierres (403) 239
- Benschop, H.P. see R. Barak (407) 347
- Bentejac, M. see S. Albet (405) 394
- Benten, W., M. M. Lieberherr, C.E. Sekeris and F. Wunderlich. Testosterone induces  $\text{Ca}^{2+}$  influx via non-genomic surface receptors in activated T cells (407) 211
- Bentrop, D. see S. Aono (412) 501
- Bentrop, J. see A. Huber (406) 6
- Benziman, M. see H. Weinhouse (416) 207
- Berberian, G. see R. DiPolo (401) 6
- Berendji, D., V. Kolb-Bachofen, K.L. Meyer, O. Grapenthin, H. Weber, V. Wahn and K.-D. Kröncke. Nitric oxide mediates intracytoplasmic and intranuclear zinc release (405) 37
- Beretta, A. see L. Guerrini (412) 277
- Berezovsky, I.N., G.T. Kilosanidze, V.G. Tumanyan and L. Kisselev. COOH-terminal decamers in proteins are non-random (404) 140
- Berezovsky, I.N., V.G. Tumanyan and N.G. Esipova. Representation of amino acid sequences in terms of interaction energy in protein globules (418) 43
- Berg, A. see J. Vervoort (404) 153
- Berg, L.-P., M.K. Shamsher, S.S. El-Daher, V.V. Kakkar and K.S. Authi. Expression of human TRPC genes in the megakaryocytic cell lines MEG01, DAMI and HEL (403) 83
- Bergenheim, N. see M. Persson (411) 43
- Berger, E.G. see C.M. Coughlan (413) 389
- Berggren, P.-O. see R. Bränström (411) 301
- Bergk, A. see U. Bruer (414) 117
- Berglund, H. see N.L. Davydova (415) 155
- Bergman, A.-C., C. Linder, K. Sakaguchi, M. Sten-Linder, A.A. Alaiya, B. Franzén, M.C. Shoshan, T. Bergman, B. Wiman, G. Auer, E. Appella, H. Jörnvall and S. Linder. Increased expression of  $\alpha$ -enolase in *c-jun* transformed rat fibroblasts without increased activation of plasminogen (417) 17
- Bergman, T. see A.-C. Bergman (417) 17
- Berjot, M. see F. Fleury (411) 215
- Berliner, L.J. see D.B. Veprintsev (412) 625
- Bermudez, I. see L.A. Obosi (412) 321
- Bern, O., B. Hazan and U. Nir. Growth-dependent subnuclear localization of a 66 kDa phosphoprotein in FER protein overexpressing cells (403) 45
- Bernabeu, C. see A. Luque (413) 265
- Bernadou, A. see S.S. Mirshahi (411) 322
- Bernardi, P. see O. Eriksson (409) 361
- Bernards, R. see D.S. Peeper (410) 11
- Bernaschek, G. see M. Hengstschläger (404) 299
- Bernasconi, A.G.F., A.G. Rebuffat, E. Lovati, B.M. Frey, F.J. Frey and I. Galli. Cortisol increases transfection efficiency of cells (419) 103
- Bernhagen, J. see R. Mischke (414) 226
- Bernier-Villamor, V. see R. Téllez-Sanz (409) 385
- Berquin, I.M., M. Ahram and B.F. Sloane. Exon 2 of human cathepsin B derives from an Alu element (419) 121
- Berry, H., H. Debat and V. Larreta-Garde. Excess substrate inhibition of soybean lipoxygenase-1 is mainly oxygen-dependent (408) 324
- Bersani, L. see S. Sozzani (418) 98
- Berse, B. and J.K. Blusztajn. Modulation of cholinergic locus expression by glucocorticoids and retinoic acid is cell-type specific (410) 175
- Bertin, B. see R. Capeyrou (415) 200
- Bertini, F. see M.A. Sosa (407) 173
- Bertini, I. see S. Aono (412) 501
- Bertini, I., C. Dalvit, J.G. Huber, C. Luchinat and M. Piccioli. ePHOGSY experiments on a paramagnetic protein: location of the catalytic water molecule in the heme crevice of the oxidized form of horse heart cytochrome *c* (415) 45
- Bertino, E. see A. Cantisani (412) 515
- Bertoldi, M. see P.S. Moore (412) 245
- Bertoldo, C. see M. Porcelli (402) 102
- Bertrand, P. see V. Trochon (418) 6
- Bertsova, Y.V., A.V. Bogachev and V.P. Skulachev. Generation of protonic potential by the *bd*-type quinol oxidase of *Azotobacter vinelandii* (414) 369
- Bes, M. see C. Rang (412) 587
- Besnard, P. see H. Poirier (412) 480
- Besson, I. see J.-C. Portais (412) 485
- Betts, A.M., I. Waite, D.E. Neal and C.N. Robson. Androgen regulation of ornithine decarboxylase in human prostatic cells identified using differential display (405) 328
- Betz, H. see M. Ramming (405) 137
- Betzel, Ch. see M. Perbandt (412) 573
- Beullens, M. see A. Dimischiotu (402) 141
- Beutner, G. see E. O'Gorman (414) 253
- Bevec, T., V. Stoka, G. Pungertić, J.J. Cazzulo and V. Turk, A. fragment of the major histocompatibility complex class II - associated p41 invariant chain inhibits cruzipain, the major cysteine proteinase from *Trypanosoma cruzi* (401) 259
- Bevins, C.L. see K.M. Huttner (413) 45
- Beyaert, R. see R.M.Y. Barge (409) 207
- Beyaert, R. see E. Decoster (416) 183
- Beyaert, R. see M. Van de Craen (403) 61
- Beyaert, R. see D. Wallach (410) 96
- Beyermann, M. see M. Dathe (403) 208
- Beyermann, M. see J. Oehlke (415) 196
- Beyermann, M. see T. Wiprecht (417) 135
- Beyreuther, K. see S.S. Mok (415) 303
- Bezian, J.H. see S. Herblot (414) 146

- Bezzi, P. see S. Vesce (411) 107
- Bhagat, S. see B. Sankaran (417) 119
- Bhagavan, N.V. see M.K. Helms (408) 67
- Bhatnagar, D. see M.I. Mackness (416) 377
- Bhatnagar, R.K. see R. Marzari (411) 27
- Bhattacharyya, D. see S. Nayar (409) 449
- Biaggi, M.H. see E.J.X. Costa (416) 103
- Biagini, G. see M.L. Genova (410) 467
- Bianchet, M. see E. Osinaga (412) 190
- Bianchi, M. see Y. Rouillé (413) 119
- Bianchi-Scarrà, G. see P. Ghiorzo (418) 215
- Bianco, S. see P. Abete (412) 79
- Bianconi, M. see L. de Meis (406) 201
- Biberman, Y. and O. Meyuhass. Substitution of just five nucleotides at and around the transcription start site of rat  $\beta$ -actin promoter is sufficient to render the resulting transcript a subject for translational control (405) 333
- Bibilashvily, R. see V. Stepanova (414) 471
- Bidart, F. see M. Bony (410) 452
- Bielke, W. see V. Wolf (417) 385
- Biely, P., G.L. Côté, L. Kremnický, R.V. Greene and M. Tenkanen. Action of acetylxylin esterase from *Trichoderma reesei* on acetylated methyl glycosides (420) 121
- Bienert, M. see M. Dathe (403) 208
- Bienert, M. see J. Oehlke (415) 196
- Bienert, M. see T. Wiprecht (417) 135
- Bifulco, M. see C. Laezza (413) 260
- Bilger, J. see A. Doerner (414) 258
- Bilinski, T. see W. Wonisch (405) 11
- Bill, E. see H. Witt (409) 128
- Billett, M.A. see P. Löw (400) 345
- Billsten, P., P.-O. Freskgård, U. Carlsson, B.-H. Jonsson and H. Elwing. Adsorption to silica nanoparticles of human carbonic anhydrase II and truncated forms induce a molten-globule-like structure (402) 67
- Bion, A. see A. Yassad (413) 81
- Biou, V. see R. Dumas (408) 156
- Birchmeier, W. see F. Schaper (405) 99
- Birdsall, B. see P.M. Nieto (405) 16
- Birdsall, B. see P.M. Nieto (418) 228
- Birdsall, B., M.G. Casarotto, H.T. Cheung, J. Basran, G.C.K. Roberts and J. Feeney. The influence of aspartate 26 on the tautomeric forms of folate bound to *Lactobacillus casei* dihydrofolate reductase (402) 157
- Birkenmeier, G., A.A. Osman, G. Kopperschlager and T. Mothes. Epitope mapping by screening of phage display libraries of a monoclonal antibody directed against the receptor binding domain of human  $\alpha$ 2-macroglobulin (416) 193
- Bischoff, F. and D. Görlich. RanBP1 is crucial for the release of RanGTP from importin  $\beta$ -related nuclear transport factors (419) 249
- Bischoff, F. see V. Žárský (403) 303
- Bishop, B.M. see P.L. Hermonat (407) 78
- Bisso, A. see L. Sturla (412) 126
- Bitar, R. see R.G. Watson (412) 603
- Bittl, R. see S.G. Zech (414) 454
- Björk, P. see E. Rosengren (417) 85
- Björkegren-Sjögren, C., E. Korenbaum, P. Nordberg, U. Lindberg and A. Flury. A novel activity for a group of sesquiterpene lactones: inhibition of aromatase (409) 396
- Blaschke, V. see F. Neuschäfer-Rube (401) 185
- Blasco, R., F. Castillo and M. Martinez-Luque. The assimilatory nitrate reductase from the phototrophic bacterium, *Rhodospirillum rubrum* strain E1F1, is a flavoprotein (414) 45
- Blasi, F. see L. Guerrini (412) 277
- Blasig, I.E. see R.F. Haseloff (418) 73
- Blatt, M.R. see F.J. Quintero (415) 206
- Blatt, M.R. see P. Vergani (405) 337
- Blatter, L.A. see J.R. Holda (403) 191
- Blein, J.-P. see F. Kieffer (403) 149
- Blein, J.-P. see V. Mikes (416) 190
- Bleu, T. see S. An (417) 279
- Blishchenko, E.Yu., O.A. Mernenko, O.N. Yatskin, R.H. Ziganshin, M.M. Philippova, A.A. Karelina and V.T. Ivanov. Neokytorphin and neokytorphin (1–4): secretion by erythrocytes and regulation of tumor cell growth (414) 125
- Bloch, D.A. see O.A. Gupta (412) 490
- Block, C. see G. Kalhammer (414) 599
- Bloemers, H.P.J. see J.J.M. van Groningen (404) 82
- Blomberg, A. see N. Akhtar (403) 173
- Blondel, O., G. Vandecasteele, M. Gastineau, S. Leclerc, Y. Dahmoune, M. Langlois and R. Fischmeister. Molecular and functional characterization of a 5-HT<sub>4</sub> receptor cloned from human atrium (412) 465
- Bloom, S.R. see A.P. Goldstone (415) 134
- Bloomberg, G.B. see C.J. Smith (405) 378
- Bloy, C. see W. Bouhedja (412) 39
- Blüml, K. see S. Schröder (401) 243
- Blusztajn, J.K. see B. Berse (410) 175
- Boán, F., A.I. González, J.M. Rodríguez and J. Gómez-Márquez. Molecular characterization of a new human minisatellite that is able to form single-stranded loops in vitro and is recognized by nuclear proteins (418) 251
- Bobik, A. see V. Stepanova (414) 471
- Boccardi, R. see G. Patrone (419) 76
- Bocharova, T.N. see A.A. Volodin (407) 325
- Bock, A.-K., P. Schönheit and M. Teixeira. The iron-sulfur centers of the pyruvate:ferredoxin oxidoreductase from *Methanosarcina barkeri* (Fusaro) (414) 209
- Böckmann, A. and E. Guittet. Determination of fast proton exchange rates of biomolecules by NMR using water selective diffusion experiments (418) 127
- Bocquené, G., A. Roig and D. Fournier. Cholinesterases from the common oyster (*Crassostrea gigas*) (407) 261
- Bode, W. see F.J. Medrano (400) 91
- Bode, W. see J. Stürzebecher (412) 295
- Bodega, G. see A.-M. Valencia (406) 42
- Bodmer, J.-L. see P. Schneider (416) 329
- Boffelli, D., S. Compassi, M. Werder, F.E. Weber, M.C. Phillips, G. Schulthess and H. Hauser. The uptake of cholesterol at the small-intestinal brush border membrane is inhibited by apolipoproteins (411) 7
- Boffi, A., J.B. Wittenberg and E. Chiancone. Circular dichroism spectroscopy of *Lucina* I hemoglobin (411) 335
- Bogachev, A.V. see Y.V. Bertsova (414) 369
- Bogachev, A.V. see A.I. Shestopalov (404) 272
- Bogachev, A.V., R.A. Murtazina and V.P. Skulachev. The Na<sup>+</sup>/e<sup>-</sup> stoichiometry of the Na<sup>+</sup>-motif NADH:quinone oxidoreductase in *Vibrio alginolyticus* (409) 475
- Bögershausen, O. see M. Haumann (410) 243
- Bograh, A., Y. Gingras, H.A. Tajmir-Riahi and R. Carpentier. The effects of spermine and spermidine on the structure of photosystem II proteins in relation to inhibition of electron transport (402) 41
- Boheim, G. see B. Klüsener (407) 230
- Bohlmann, H. see P. Eppe (400) 168
- Bohnsack, R. see P. Schönfeld (420) 167
- Boikov, P.Ya. see A.V. Alessenko (416) 113
- Boileau, G. see N. Dion (411) 140
- Bokma, E., G.A. van Koningsveld, M. Jeronimus-Stratingh and J.J. Beintema. Hevamine, a chitinase from the rubber tree *Hevea brasiliensis*, cleaves peptidoglycan between the C-1 of N-acetylglucosamine and C-4 of N-acetylmuramic acid and therefore is not a lysozyme (411) 161
- Boland, W. see J. Piel (416) 143
- Boldin, M. see D. Wallach (410) 96
- Boldog, F. see V.I. Kashuba (419) 181
- Boldyreff, B. and O.-G. Issinger. A-Raf kinase is a new interacting partner of protein kinase CK2  $\beta$  subunit (403) 197
- Bollen, M. see A. Dinischiotu (402) 141
- Boller, T. see N. Sprenger (400) 355
- Bollmann, A. see E. Malle (419) 215
- Bolognesi, A. see M.G. Battelli (408) 355
- Bolognesi, M. see L. Fiorucci (408) 85
- Bolton, R.M., L. Curstedt, E. Cederlund, L. Hjelmqvist, B. Mannervik, J.T. Ahokas and H. Jönvall. Characterization of a marsupial glutathione transferase, a class Alpha enzyme from *Brown Antechinus (Antechinus stuartii)* (406) 216
- Bolwell, G. see P. Wojtaszek (405) 95
- Boman, A. see M. Simmaco (416) 273
- Boman, H.G. see M. Simmaco (416) 273

- Bomsztyk, K., I. Van Seuningen, H. Suzuki, O. Denisenko and J. Ostrowski, Diverse molecular interactions of the hnRNP K protein (403) 113
- Bonaiuto, C. see E. Conte (400) 315
- Bonakdar, L. see C. Faure (405) 263
- Bonay, P., J. Solis, H. de la Calle, M. Fresno, A. Grubb and E. Méndez, Massive glycation of protein HC, a low molecular weight lipocalin, in non-diabetic individuals (416) 276
- Bondon, A. see C. Mouro (414) 203
- Bonecchi, R. see S. Sozzani (418) 98
- Bonet, M., P. Puigserver, F. Serra, J. Ribot, F. Vázquez, C. Picó and A. Palou, Retinoic acid modulates retinoid X receptor  $\alpha$  and retinoic acid receptor  $\alpha$  levels of cultured brown adipocytes (406) 196
- Bongrand, P. see A. Pierres (403) 239
- Bonnefont-Rousselot, D., A. Khalil, M. Gardès-Albert and J. Delattre, Reciprocal protection of LDL and HDL oxidised by  $\cdot$ OH free radicals in the presence of oxygen (403) 70
- Bonnert, T.P., K.E. Garka, P. Parnet, G. Sonoda, J.R. Testa and J.E. Sims, The cloning and characterization of human MyD88: a member of an IL-1 receptor related family (402) 81
- Bonnet, D., I. Artaud, C. Moali, D. Pétré and D. Mansuy, Highly efficient control of iron-containing nitrile hydratases by stoichiometric amounts of nitric oxide and light (409) 216
- Bonnet, J. see S. Herblot (414) 146
- Bonnin, O. see B. Miloux (401) 163
- Bono, F., I. Lamarche and J.-M. Herbert, NGF exhibits a pro-apoptotic activity for human vascular smooth muscle cells that is inhibited by TGF $\beta$ 1 (416) 243
- Bontems, F. see J.-P. Annereau (407) 303
- Bontrop, R.E. see B.A. 't Hart (409) 91
- Bony, M., F. Bidart, C. Camarasa, V. Ansanay, L. Dulau, P. Barre and S. Dequin, Metabolic analysis of *S. cerevisiae* strains engineered for malolactic fermentation (410) 452
- Boonstra, J. see M.A.G. Van der Heyden (410) 265
- Boquet, M. see M.B. Herrero (411) 39
- Bora, R.S. see K. Ramani (404) 164
- Borchani, L. see S. Cestèle (405) 77
- Borden, K.L.B., E.J. Campbell Dwyer and M.S. Salvato, The promyelocytic leukemia protein PML has a pro-apoptotic activity mediated through its RING domain (418) 30
- Borisov, V. see N. Azarkina (416) 171
- Borisova, O.F. see A.K. Shchyolkina (419) 27
- Bork, P.M., M. Schmitz, M. Kuhnt, C. Escher and M. Heinrich, Sesquiterpene lactone containing Mexican Indian medicinal plants and pure sesquiterpene lactones as potent inhibitors of transcription factor NF- $\kappa$ B (402) 85
- Börner, G., S. Yokobori, M. Mörl, M. Dörner and S. Pääbo, RNA editing in metazoan mitochondria: staying fit without sex (409) 320
- Börner, T. see T. Hübschmann (408) 201
- Börner, T. see A. Wilde (406) 89
- Börner, T. see A. Wilde (412) 404
- Boronat, A. see M. Pérez-Riba (402) 273
- Borovok, I. see O. Landman (405) 172
- Borrello, S. see M.E. De Leo (403) 131
- Borri Voltattorni, C. see P.S. Moore (412) 245
- Borsatti, A. see S. Sozzani (418) 98
- Borst, P. see R. Evers (419) 112
- Bortolussi, M. see F. Argenton (407) 191
- Bos, J.L., B. Franke, L. M'Rabet, K. Reedquist and F. Zwartkruis, In search of a function for the Ras-like GTPase Rap1 (410) 59
- Boscá, L. see S. Hortelano (410) 373
- Boscá, L. see E. López-Collazo (413) 124
- Bosch, D. see A. Schouten (415) 235
- Boschetti, A. see R. Rothen (403) 15
- Boss, O., S. Samec, A. Dulloo, J. Seydoux, P. Muzzin and J.-P. Giacobino, Tissue-dependent upregulation of rat uncoupling protein-2 expression in response to fasting or cold (412) 111
- Boss, O., S. Samec, A. Paoloni-Giacobino, C. Rossier, A. Dulloo, J. Seydoux, P. Muzzin and J.-P. Giacobino, Uncoupling protein-3: a new member of the mitochondrial carrier family with tissue-specific expression (408) 39
- Botelho, F. see V. Thibault (408) 182
- Botella, M.A. see M.I. Medina (407) 357
- Botto, J.-M., P. Sarret, J.-P. Vincent and J. Mazella, Identification and expression of a variant isoform of the levocabastine-sensitive neurotensin receptor in the mouse central nervous system (400) 211
- Boucher, I. see Y. Honda (411) 346
- Boucher, J.-L. see A. Renodon (406) 33
- Bouchez, D. see Y. Parmentier (416) 281
- Bougis, P.E. see C. Legros (402) 45
- Bougis, P.E. see C. Legros (417) 123
- Bouhedja, W., G.D. Sockalingum, P. Pina, P. Allouch, C. Bloy, R. Labia, J.M. Millot and M. Manfait, ATR-FTIR spectroscopic investigation of *E. coli* transconjugants  $\beta$ -lactams-resistance phenotype (412) 39
- Bouhnikachvili, T., O. Aguerre-Chariol, M. Airiau, S. Lesieur, M. Ollivon and J. Vacus, Structure of in-serum transferrin DNA cationic lipid complexes (409) 188
- Boulton, I.C., A.R. Gorringer, R.J.G. Carr, B. Gorinsky, C.L. Joannou and R.W. Evans, Characterisation of the meningococcal transferrin binding protein complex by photon correlation spectroscopy (414) 409
- Boulton, I.C., A.R. Gorringer, R.J.G. Carr, B. Gorinsky, C.L. Joannou and R.W. Evans, Erratum to: Characterisation of the meningococcal transferrin binding protein complex by photon correlation spectroscopy (FEBS 19173) [*FEBS Letters* 414 (1997) 409–413] (418) 228
- Bouma, B. see O. Tüscher (419) 271
- Bourne, L.C., D.J. Lamb, C.S. Collis, M. O'Brien, D.S. Leake and C. Rice-Evans, Non-oxidative modification of low density lipoprotein by ruptured myocytes (414) 576
- Bouron, A., Colchicine affects protein kinase C-induced modulation of synaptic transmission in cultured hippocampal pyramidal cells (404) 221
- Boussadia, O., F. Amiot, S. Cases, G. Triqueneaux, H. Jacquemin-Sablon and F. Dautry, Transcription of *unr* (upstream of *N-ras*) down-modulates *N-ras* expression in vivo (420) 20
- Bovet, L. see P.-A. Siegenthaler (416) 57
- Bovina, C. see M.L. Genova (410) 467
- Boyiadzis, M. see Z. Szondy (404) 307
- Boyle, G. see M. Prescott (411) 97
- Bozzaro, S. see E. Bracco (419) 37
- Bracco, E., B. Peracino, A.A. Noegel and S. Bozzaro, Cloning and transcriptional regulation of the gene encoding the vacuolar/H<sup>+</sup> ATPase B subunit of *Dictyostelium discoideum* (419) 37
- Bradbury, A. see R. Marzari (411) 27
- Brailly, H. see B. Lebeau (407) 141
- Braissant, O. see H. Poirier (412) 480
- Braithwaite, D.K. see Y. Huang (400) 94
- Braley, R. and P.W. Piper, The C-terminus of yeast plasma membrane H<sup>+</sup>-ATPase is essential for the regulation of this enzyme by heat shock protein Hsp30, but not for stress activation (418) 123
- Brambilla, L., G. Cairo, P. Sestili, V. O'Donnel, A. Azzi and O. Cantoni, Mitochondrial respiratory chain deficiency leads to overexpression of antioxidant enzymes (418) 247
- Brand, K. see B. Hamm-Künzelmann (403) 87
- Brand, K. see D. Schäfer (417) 325
- Brändle, U., P. Spielmanns, R. Osteroth, J. Sim, A. Surprenant, G. Buell, J.P. Ruppersberg, P.K. Plinkert, H.-P. Zenner and E. Glowatzki, Desensitization of the P2X<sub>2</sub> receptor controlled by alternative splicing (404) 294
- Brandt, A. see C. Olesen (412) 138
- Branno, M. see L. Fucci (407) 101
- Bränström, R., A. Höög, M.A. Wahl, P.-O. Berggren and O. Larsson, RIN14B: a pancreatic  $\delta$ -cell line that maintains functional ATP-dependent K<sup>+</sup> channels and capability to secrete insulin under conditions where it no longer secretes somatostatin (411) 301
- Braslavsky, S.E. see C. Kneip (414) 23
- Braun, M., I. Anderie and F. Thévenod, Evidence for a 65 kDa sulfonylurea receptor in rat pancreatic zymogen granule membranes (411) 255
- Braun, S. see J. Schwender (414) 129
- Braunagel, M. see H. Dörsam (414) 7
- Bravo, A. see H. Flores (414) 313
- Bravo, A. see A. Lorence (414) 303
- Brazill, D.T., R. Gundersen and R.H. Gomer, A cell-density sensing factor regulates the lifetime of a chemoattractant-induced G $\alpha$ -GTP conformation (404) 100
- Brdiczka, D. see E. O'Gorman (414) 253
- Brdiczka, D. see J. Parra (403) 279
- Bredemeier-Ernst, I., A. Nordheim and R. Janknecht, Transcriptional activity and constitutive nuclear localization of the ETS protein Elf-1 (408) 47
- Bredesen, D. see M.R. Hileman (415) 145
- Breed, J. see A. Hirsch (404) 208

- Breen, K.C. see C.M. Coughlan (413) 389
- Breen, M.A. and S.J.H. Ashcroft, A truncated isoform of  $\text{Ca}^{2+}$ /calmodulin-dependent protein kinase II expressed in human islets of Langerhans may result from trans-splicing (409) 375
- Breitmayer, J.-P. see R. Marhaba (405) 163
- Brennand, D.M., M.F. Scully, V.V. Kakkar and G. Patel, A cyclic peptide analogue of loop III of PDGF-BB causes apoptosis in human fibroblasts (419) 166
- Brennand, D.M., U. Dennehy, V. Ellis, M.F. Scully, P. Tripathi, V.V. Kakkar and G. Patel, Identification of a cyclic peptide inhibitor of platelet-derived growth factor-BB receptor-binding and mitogen-induced DNA synthesis in human fibroblasts (413) 70
- Brenneisen, P. see M. Wlaschek (413) 239
- Brenner, B. see U. Koppenhoefer (414) 444
- Brenner, B., U. Koppenhoefer, H. Grassmé, J. Kun, F. Lang and E. Gulbins, Evidence for a novel function of the CD40 ligand as a signalling molecule in T-lymphocytes (417) 301
- Brennwald, P. see L.M. Rice (415) 49
- Bressler, S. see X. Fu (416) 167
- Breton, J. see S. Toma (408) 5
- Breton-Douillon, M. see N. Montsarrat (404) 23
- Breuer, W., E. Greenberg and Z. Cabantchik, Newly delivered transferrin iron and oxidative cell injury (403) 213
- Briat, J.-F. see G. Vansuyt (410) 195
- Briata, P., C. Ilengo, R. Van DeWerken and G. Corte, Mapping of a potent transcriptional repression region of the human homeodomain protein EVX1 (402) 131
- Brière, C. see N. Vallée (411) 115
- Briganti, F. see V.M. Travkin (407) 69
- Briganti, F., E. Pessione, C. Giunta and A. Scozzafava, Purification, biochemical properties and substrate specificity of a catechol 1,2-dioxygenase from a phenol degrading *Acinetobacter radioresistens* (416) 61
- Briggs, J.A. see J. Xie (408) 151
- Briggs, L.J. see D.A. Jans (406) 315
- Briggs, L.J. see D.A. Jans (410) 368
- Briggs, R.C. see J. Xie (408) 151
- Brito, R.M.M. see A. Quintas (418) 297
- Briviba, K. see L.-O. Klotz (408) 289
- Briviba, K. see M. Wlaschek (413) 239
- Brodbeck, U. see M. Küng (409) 333
- Broder, Y.C., A. Stanhill, N. Zakai, A. Friedler, C. Gilon and A. Loyter, Translocation of NLS-BSA conjugates into nuclei of permeabilized mammalian cells can be supported by protoplast extract (412) 535
- Brody, S., C. Oh, U. Hoja and E. Schweizer, Mitochondrial acyl carrier protein is involved in lipoic acid synthesis in *Saccharomyces cerevisiae* (408) 217
- Broger, C. see D. Alberati-Giani (410) 407
- Brömme, D. see C. Linnevers (405) 253
- Bronnikov, G. see A. Kojisto (417) 75
- Bronnikov, G., L. Dolgacheva, S.-J. Zhang, E. Galitovskaya, L. Kramarova and V. Zinchenko, The effect of neuropeptides kyotorphin and neokytorphin on proliferation of cultured brown preadipocytes (407) 73
- Brookes, P.S., J.M. Land, J.B. Clark and S.J.R. Heales, Stimulation of glyceraldehyde-3-phosphate dehydrogenase by oxyhemoglobin (416) 90
- Brooks, C.L. see E.A. Permyakov (405) 273
- Brooks, D.A., Protein processing: a role in the pathophysiology of genetic disease (409) 115
- Brooks, S.A., A.J.C. Leatham and U. Schumacher, Lectin histochemistry: a concise practical handbook (415) 346
- Broome-Smith, J.K. see C. Mitsopoulos (419) 18
- Brors, B. see R. Schneider (407) 249
- Brorsson, A.-C. see G. Aronsson (411) 359
- Brossard, G. see C. Serradeil-Le Gal (404) 185
- Brossmer, R. see T. Wiedner (411) 260
- Brouillet, A. see A. Ménard (413) 477
- Brousseau, R. see J.-L. Schwartz (410) 397
- Brousseau, R. see J.-L. Schwartz (412) 270
- Brown, A.M. see D. Rampe (417) 28
- Brown, D.W. see S. Kapas (418) 287
- Brown, F. see P. Cutler (412) 341
- Brown, G.C. see B.N. Kholodenko (414) 430
- Brown, G.C. see B.N. Kholodenko (419) 150
- Brown, G.C. see A.G. McBride (417) 231
- Brown, G.P., K. Yang, M.A. King, G.C. Rossi, L. Leventhal, A. Chang and G.W. Pasternak, 3-Methoxynaltrexone, a selective heroin/morphine-6 $\beta$ -glucuronide antagonist (412) 35
- Brown, T.J.N. see M. Sami (405) 191
- Browne, G.J. see C.G. Armstrong (418) 210
- Brownlee, J. see U. Wagner (411) 369
- Broxterman, H.J. see J.H. Hooijberg (413) 344
- Bruer, U., M.K. Weih, N.K. Isaev, A. Meisel, K. Ruscher, A. Bergk, G. Trendelenburg, F. Wiegand, I.V. Victorov and U. Dirnagl, Induction of tolerance in rat cortical neurons: hypoxic preconditioning (414) 117
- Brünger, A.T. see L.M. Rice (415) 49
- Brunner, H. see R. Mischke (414) 226
- Brunner, M. see I. Arnold (411) 195
- Brunori, M. see F. Cutruzzola (412) 365
- Bruyneel, E. see S. Djelloul (406) 234
- Bruyns, A.-M. see G. De Jaeger (403) 116
- Brzezinski, R. see Y. Honda (411) 346
- Bucchini, D. see R.L. Joshi (401) 99
- Bucciotti, F. see R. Doliana (417) 65
- Buchanan, S.G.S.C. see M.F. Symmons (412) 397
- Bucher, M., K.P. Ittner, M. Zimmermann, K. Wolf, J. Hobbahn and A. Kurtz, Nitric oxide synthase isoform III gene expression in rat liver is up-regulated by lipopolysaccharide and lipoteichoic acid (412) 511
- Buchman, V.L. see J.A. Davies (410) 378
- Buchner, K., C. Lindschau and F. Hucho, Nuclear localization of protein kinase C $\alpha$  and its association with nuclear components in Neuro-2a neuroblastoma cells (406) 61
- Buck, K.W. see M.M. Garcia-Maya (413) 181
- Buckel, W. see M. Mack (405) 209
- Budd, S.L., R.F. Castilho and D.G. Nicholls, Mitochondrial membrane potential and hydroethidine-monitored superoxide generation in cultured cerebellar granule cells (415) 21
- Budkevich, T.V. see Z.M. Petrushenko (407) 13
- Budnik, L.T. and A.K. Mukhopadhyay, Functional lysophosphatidic acid receptor in bovine luteal cells (419) 4
- Buell, G. see U. Brändle (404) 294
- Buelna, A. see J. Sanchez (401) 95
- Bugert, P. and K. Geider, Characterization of the *ams1* gene product as a low molecular weight acid phosphatase controlling exopolysaccharide synthesis of *Erwinia amylovora* (400) 252
- Bugreev, D.V., E.L. Vasyutina, V.N. Buneva, Y. Yasui, M. Nishizawa, T. Andoh and G.A. Nevinsky, High affinity interaction of mouse DNA topoisomerase I with di- and trinucleotides corresponding to specific sequences of supercoiled DNA cleaved chain (407) 18
- Bühling, F. see Th. Wex (412) 53
- Bulant, M. see A. Ladram (403) 287
- Buneva, V.N. see D.V. Bugreev (407) 18
- Buneva, V.N. see T.G. Kanyshkova (416) 23
- Buonamici, L. see M.G. Battelli (408) 355
- Buratti, E., M. Gerotto, P. Pontisso, A. Alberti, S.G. Tisminetzky and F.E. Baralle, In vivo translational efficiency of different hepatitis C virus 5'-UTRs (411) 275
- Burckhardt, G. see N.A. Wolff (417) 287
- Bürger, F. see A. Kinzig (402) 162
- Burger, P.G. see C.M. Coughlan (413) 389
- Burgert, M. see H. Zähringer (412) 615
- Burgos, M. see J. Puigjaner (418) 47
- Burgoyne, R.D. and G. Williams, NSF and SNAP are present on adrenal chromaffin granules (414) 349
- Burke, J.F. see S.J. Perry (409) 426
- Burkhardt, S. see N.A. Wolff (417) 287
- Burnell, J.N. see S. Ohta (403) 5
- Burner, U. and C. Obinger, Transient-state and steady-state kinetics of the oxidation of aliphatic and aromatic thiols by horseradish peroxidase (411) 269
- Burny, A. see S. Zarkik (406) 205
- Burrier, R.E. see S. Wang (411) 225
- Burýšek, L. and J. Houštěk,  $\beta$ -Adrenergic stimulation of interleukin-1 $\alpha$  and interleukin-6 expression in mouse brown adipocytes (411) 83
- Busch, A.E. see H. Suessbrich (414) 435
- Busch, H. see A. Carpaneto (412) 236
- Buschmann, P. see G. Saalbach (413) 294
- Bushueva, A.M. see A.B. Shevelev (404) 148
- Bussell, K. see P. Löw (400) 345

- Bussolino, F. see S. Sozzani (418) 98  
 Butcher, D.J., M. Kowalska, S. Li, Z. Luo, S. Shan, Z. Lu, S. Niewiarowski and Z. Huang, A natural motif approach to protein design: a synthetic leucine zipper peptide mimics the biological function of the platelet factor 4 protein (409) 183  
 Bütikofer, P. see M. Küng (409) 333  
 Butler, M.H. see C. Haffner (419) 175  
 Butler, P.C. see Y.C. Kudva (416) 117  
 Butler-Browne, G.S. see M. Monemi (403) 110  
 Buxbaum, B. see W. Schiweck (414) 33  
 Buys, E. see G. De Jaeger (403) 116  
 Buysman, M.N.C.P. see P.C.H. Hollman (418) 152  
 Bykova, N.V. see A.U. Igamberdiev (412) 265  
 Byrd, R. see A.S. Altieri (415) 221  
 Byrom, K.J. see R.J. Cox (405) 267
- # C
- Caaveiro, J.M.M., A. Molina, J.M. González-Mañas, P. Rodríguez-Palenzuela, F. García-Olmedo and F.M. Goñi, Differential effects of five types of antipathogenic plant peptides on model membranes (410) 338  
 Cabañas, C. see M. García-Gila (418) 337  
 Cabañas, C. see A. Luque (413) 265  
 Cabantchik, Z. see W. Breuer (403) 213  
 Cabiaux, V. see C. De Geyter (400) 149  
 Caboche, M. see H.-N. Truong (410) 213  
 Cacchione, S., M.A. Cerone and M. Savino, In vitro low propensity to form nucleosomes of four telomeric sequences (400) 37  
 Cacciapuotì, G. see M. Porcelli (402) 102  
 Cacciatore, F. see P. Abete (412) 79  
 Caciotti, B. see M. Ferrali (416) 123  
 Cahill, M.A., c-Fos transrepression revisited (400) 9  
 Cai, L. see R. Dunford (418) 87  
 Cai, Y.-C. see L. Ma (403) 91  
 Caille, A. see P. Sodano (416) 130  
 Cairo, G. see L. Brambilla (418) 247  
 Calabrese, C. see P. Abete (412) 79  
 Calcerrada, M. see R. Catalán (400) 280  
 Caldenhoven, E. see T.B. van Dijk (412) 161  
 Calero, M. see J. Ghiso (408) 105  
 Callahan, J.W. see Y. Okamura-Oho (419) 231  
 Callebaut, I. and J.-P. Mornon, From BRCA1 to RAP1: a widespread BRCT module closely associated with DNA repair (400) 25  
 Calsou, P. see F. Coudoré (414) 581  
 Calvete, J.J. see L. Magdaleno (420) 179  
 Calvete, J.J. see J. Sanz-Aparicio (405) 114  
 Calvete, J.J., M. Raida, M. Gentzel, C. Urbanke, L. Sanz and E. Töpfer-Petersen, Isolation and characterization of heparin- and phosphorylcholine-binding proteins of boar and stallion seminal plasma. Primary structure of porcine pB1 (407) 201  
 Calvete, J.J., M. Schrader, M. Raida, M.A. McLane, A. Romero and S. Niewiarowski, The disulphide bond pattern of bitistatin, a disintegrin isolated from the venom of the viper *Bitis arietans* (416) 197  
 Calzone, R. see D. Monti (409) 365  
 Camafeita, E. see F.M. de Benito (413) 85  
 Camakaris, J. see M. Solioz (412) 165  
 Camarasa, C. see M. Bony (410) 452  
 Cambois, G. see S. Lapalu (417) 333  
 Camilleri, P. see P. Cutler (412) 341  
 Camilleri, P. see D. Howlett (417) 249  
 Cammack, R. see M. Medina (400) 247  
 Camoin, L. see E. Osinaga (412) 190  
 Campagnari, F. see A. Passi (402) 286  
 Campagnari, F. see A. Passi (420) 175  
 Campbell Dwyer, E.J. see K.L.B. Borden (418) 30  
 Campbell, A.K. see H.L.L. Roderick (405) 181  
 Campos de Carvalho, A.C. see C.M.M. Carneiro (416) 187  
 Candeias, L.P. see L.K. Folkes (412) 305  
 Canet, E. see G. Ferry (402) 111  
 Cann, M.J. see V. Iourgenko (413) 104  
 Canning, S.J. see S. Conway (407) 121  
 Cannon, G.C. see M.A. White (410) 509  
 Cannon, G.C. see M.A. White (416) 387  
 Cansier, C. see D. Liger (406) 157  
 Cantatore, P. see A.M.S. Lezza (418) 167  
 Canteros, M.G. see M.B. Herrero (411) 39  
 Cantisani, A., M.G. Giuffrida, C. Fabris, E. Bertino, A. Coscia, R. Oggero, G. Monti, P. Stroppiana and A. Conti, Detection of specific IgE to human milk proteins in sera of atopic infants (412) 515  
 Cantoni, O. see L. Brambilla (418) 247  
 Cantu', A.M. see A. Carpaneto (412) 236  
 Capaldi, R.A. see G. Grüber (410) 165  
 Capasso, A., P. Amodeo, G. Balboni, R. Guerrini, L.H. Lazarus, P.A. Temussi and S. Salvadori, Design of  $\mu$  selective opioid dipeptide antagonists (417) 141  
 Capeyrou, R. see G. Gaibelet (408) 135  
 Capeyrou, R., J. Riond, M. Corbani, J.-F. Lepage, B. Bertin and L.J. Emorine, Agonist-induced signaling and trafficking of the  $\mu$ -opioid receptor: role of serine and threonine residues in the third cytoplasmic loop and C-terminal domain (415) 200  
 Capitani, G. see D. Schmid (414) 590  
 Capitanio, G. see N. Capitanio (414) 414  
 Capitanio, N. see T.V. Vygodina (412) 405  
 Capitanio, N., G. Capitanio, E. De Nitto and S. Papa, Vectorial nature of redox Bohr effects in bovine heart cytochrome *c* oxidase (414) 414  
 Capone, F. see M. Pomponi (409) 155  
 Cappai, R. see S.S. Mok (415) 303  
 Caput, D. see E. Devic (417) 184  
 Caput, D. see B. Miloux (401) 163  
 Cardelli, P. see M. Lucarelli (401) 53  
 Cariello, L., F. Ristoratore and L. Zanetti, A new transglutaminase-like from the ascidian *Ciona intestinalis* (408) 171  
 Carignani, G. see S. Stocchetto (414) 171  
 Carlberg, M. see M. Hjertman (416) 235  
 Carling, D. see A.B. Sprenkle (403) 254  
 Carlini, E. see G. Arienti (410) 343  
 Carloni, V. see F. Marra (414) 221  
 Carlson, C.S. see P.E. Di Cesare (412) 249  
 Carlsson, U. see P. Billsten (402) 67  
 Carlsson, U. see P. Hammarström (420) 63  
 Carlsson, U. see M. Persson (411) 43  
 Carmeliet, P. see J.M. Herbert (413) 401  
 Carneiro, C.M.M., O.V. Krasilnikov, L.N. Yuldasheva, A.C. Campos de Carvalho and R.A. Nogueira, Is the mammalian porin channel, VDAC, a perfect cylinder in the high conductance state? (416) 187  
 Carnuccio, R. see F. D'Acquisto (418) 175  
 Carpaneto, A., A.M. Cantu', H. Busch and F. Gambale, Ion channels in the vacuoles of the seagrass *Posidonia oceanica* (412) 236  
 Carpenter, D. see P. Cutler (412) 341  
 Carpenter, K.L.H., C. van der Veen, R. Hird, I.F. Dennis, T. Ding and M.J. Mitchinson, The carotenoids  $\beta$ -carotene, canthaxanthin and zeaxanthin inhibit macrophage-mediated LDL oxidation (401) 262  
 Carpentier, R. see A. Bograh (402) 41  
 Carr, I. see A. Wise (419) 141  
 Carr, R.J.G. see I.C. Boulton (414) 409  
 Carr, R.J.G. see I.C. Boulton (418) 228  
 Carrascosa, J.L. see O. Llorca (405) 195  
 Carri, M.T., A. Ferri, A. Battistoni, L. Famhy, R. Gabbianelli, F. Poccia and G. Rotilio, Expression of a Cu,Zn superoxide dismutase typical of familial amyotrophic lateral sclerosis induces mitochondrial alteration and increase of cytosolic  $Ca^{2+}$  concentration in transfected neuroblastoma SH-SY5Y cells (414) 365  
 Carter, D.A., Modulation of cellular AP-1 DNA binding activity by heat shock proteins (416) 81  
 Cartwright, P. see T. Beilharz (407) 220  
 Carver, J.A. see L.G. Laajoki (420) 97  
 Casari, E. see P. Gaetani (404) 303  
 Casarotto, M.G. see B. Birdsall (402) 157  
 Cascante, M. see J. Puigjaner (418) 47  
 Cascieri, M.A. see A.D. Howard (405) 285  
 Caselgrandi, E. see E. Ottaviani (403) 236  
 Caserta, C. see M.A. McCornack (414) 84

- Cases, S. see O. Boussadia (420) 20
- Cassatella, M.A. see P.P. McDonald (412) 583
- Cassiman, J.-J. see J.-P. Annereau (407) 303
- Cassuto, H., Y. Olswang, A.F. Livoff, H. Nechushtan, R.W. Hanson and L. Reshef, Involvement of HNF-1 in the regulation of phosphoenolpyruvate carboxykinase gene expression in the kidney (412) 597
- Castaldo, R. see N. Altamura (409) 96
- Casteels, M. see K. Croes (407) 197
- Casteels, M. see K. Croes (412) 643
- Casteels, P. see L. De Veylder (412) 446
- Castell, J. see F. Schaper (405) 99
- Castelli, L.A. see I.G. Macreadie (410) 145
- Castellino, F.J. see S.E. Warder (411) 19
- Castilho, R.F. see S.L. Budd (415) 21
- Castillo, F. see R. Blasco (414) 45
- Castner, B. see J. Müllberg (401) 235
- Catalán, R., L. Gargiulo, A.M. Martínez, M. Calcerrada and A. Liras, Protein tyrosine phosphatase activity modulation by endothelin-1 in rabbit platelets (400) 280
- Catasús, L. see D. Reverter (420) 7
- Cattaneo, A. see N. Gargano (414) 537
- Cattini, L. see E. Mariani (406) 83
- Catty, P., A. de Kerchove d'Exaerde and A. Goffeau, The complete inventory of the yeast *Saccharomyces cerevisiae* P-type transport ATPases (409) 325
- Causseret, C. see S. Albet (405) 394
- Cavada, B.S. see J. Sanz-Aparicio (405) 114
- Cavaggioni, A. see E. Ferrari (401) 73
- Cavalcante, C. see C. Costa (410) 499
- Cavallini, L., M. Coassin and A. Alexandre, Diacylglycerol mediates the thrombin-induced, protein kinase C and  $\text{Ca}^{2+}$  independent activation of the  $\text{Na}^+/\text{H}^+$  exchanger in platelets (400) 99
- Cawthorn, K.M. see D.B. Vepintsev (412) 625
- Cawthorne, M.A. see Y.-L. Liu (411) 351
- Cayla, X. see H.Y.L. Tung (401) 197
- Cazenave, J.-P. see C. Léon (403) 26
- Cazzalini, O. see F. Foury (411) 373
- Cazzulo, J.J. see T. Bevec (401) 259
- Cebat, M. see T.J. Gaymes (418) 224
- Cederlund, E. see R.M. Bolton (406) 216
- Cedzynski, M. see A. Ziolkowski (411) 221
- Cejka, Z. see V. Pamnani (404) 263
- Cejka, Z. see F. Zühl (400) 83
- Ceña, V. see V. Izaguirre (418) 39
- Cerdan, R., D. Collin, F. Lenouvel, B. Felenbok and E. Guittet, The *Aspergillus nidulans* transcription factor AlcR forms a stable complex with its half-site DNA: a NMR study (408) 235
- Cerdá-Olmedo, E. see R. Sánchez-Fernández (413) 35
- Cerone, M.A. see S. Cacchione (400) 37
- Cerveňanský, C. see E. Osinaga (412) 190
- Cervoni, L., C. Turano, A. Ferraro, P. Ciavatta, F. Marmocchi and M. Eufemi, Glycosylation of RNA polymerase II from wheat germ (417) 227
- Cestèle, S., L. Borchani, M. El Ayeb and H. Rochat, Bot IT<sub>2</sub>: a new scorpion toxin to study receptor site on insect sodium channels (405) 77
- Cesura, A.M. see D. Alberati-Giani (410) 407
- Chaddock, J.A. see J. Zhan (407) 271
- Chahine, M. and A.L. George Jr., Myotonic dystrophy kinase modulates skeletal muscle but not cardiac voltage-gated sodium channels (412) 621
- Chakrabarty, A. see K. Yanagisawa (420) 43
- Chambaz, J. see J.-M. Lacorte (415) 217
- Chames, P., J. Fieschi and D. Baty, Production of a soluble and active MBP-scFv fusion: favorable effect of the leaky *tolR* strain (405) 224
- Chan, F.K.M. see W. Kalus (401) 127
- Chan, Y. and L.M. Kunkel, In vitro expressed dystrophin fragments do not associate with each other (410) 153
- Chandrasekar, B. and G.L. Freeman, Induction of nuclear factor  $\kappa\text{B}$  and activation protein 1 in postischemic myocardium (401) 30
- Chang, A. see G.P. Brown (412) 35
- Chang, A.S., S.M. Chang, R.L. Garcia and W.P. Schilling, Concomitant and hormonally regulated expression of *trp* genes in bovine aortic endothelial cells (415) 335
- Chang, M.S. see Y.H. Kim (401) 267
- Chang, S.M. see A.S. Chang (415) 335
- Chang, T.-C., M.-W. Hung, S.-Y. Jiang, J.-T. Chu, L.-L. Chu and L.-C. Tsai, Dexamethasone suppresses apoptosis in a human gastric cancer cell line through modulation of *bcl-x* gene expression (415) 11
- Changela, A. see L.K. Dow (414) 514
- Chap, H. see F. Gaits (410) 54
- Chap, H. see N. Montsarrat (404) 23
- Chapel, A. see H. Duborjal (405) 345
- Chapelin, C., B. Duriez, F. Magnino, M. Goossens, E. Escudier and S. Amselem, Isolation of several human axonemal dynein heavy chain genes: genomic structure of the catalytic site, phylogenetic analysis and chromosomal assignment (412) 325
- Chapman, B.S. see M.R. Hileman (415) 145
- Chapsky, L. and B. Rubinsky, Kinetics of antifreeze protein-induced ice growth inhibition (412) 241
- Charlier, P. see P. Ledent (413) 194
- Charnet, P. see P. Pellegrin (418) 101
- Chastain, C.J., M.E. Lee, M.A. Moorman, P. Shameekumar and R. Chollet, Site-directed mutagenesis of maize recombinant  $\text{C}_4$ -pyruvate,orthophosphate dikinase at the phosphorylatable target threonine residue (413) 169
- Chastre, E. see S. Djelloul (406) 234
- Chatelut, M. see K. Harzer (417) 270
- Chattaway, J. see M. Fischer (419) 259
- Chatterji, D. see S. Pahari (411) 60
- Chaudhuri, B. see S. Manon (415) 29
- Chavez Croocker, P. see Y. Sako (413) 329
- Chávez, E. see A. Cuéllar (411) 365
- Che, S., M.M. Weil, M. Nelman-Gonzalez, C.L. Ashorn and J. Kuang, MPM-2 epitope sequence is not sufficient for recognition and phosphorylation by ME kinase-H (413) 417
- Chelysheva, V.V. see A.V. Drabkin (405) 145
- Chemtob, S. see K.G. Peri (416) 269
- Chen, C.-C., J.-K. Wang and W.-C. Chen, TPA induces translocation but not down-regulation of new PKC isoform  $\eta$  in macrophages, MDCK cells and astrocytes (412) 30
- Chen, C.S. see C.H. Lin (407) 243
- Chen, F.S. see P.E. Di Cesare (412) 249
- Chen, G. see Y. Ito (403) 159
- Chen, H. see C. Haffner (419) 175
- Chen, J.-H. see C.-W. Yu (420) 69
- Chen, L.-J. see C.-Y. Wu (418) 157
- Chen, M., Alzheimer's  $\alpha$ -secretase may be a calcium-dependent protease (417) 163
- Chen, M.X. and P.T.W. Cohen, Activation of protein phosphatase 5 by limited proteolysis or the binding of polyunsaturated fatty acids to the TPR domain (400) 136
- Chen, W.-C. see C.-C. Chen (412) 30
- Chen, Y., B. Zhang, X. Li and Z. Zhai, Association of DNA with nuclear matrix in vitro assembled nuclei induced by rDNA from *Tetrahymena shanghaiensis* in *Xenopus* egg extracts (413) 449
- Chen, Z. see S.E. Warder (411) 19
- Cheng, A. see A.H. Walsh (416) 230
- Cheng, H.-F. see M.-L. Tsaor (417) 208
- Cheng, X. see Y. Shen (413) 92
- Cheng, Z.-J. see L. Ma (403) 91
- Chérel, M. see B. Lebeau (407) 141
- Cherepanov, D.A. see O.A. Gupta (412) 490
- Chérest, H. see J. Hansen (401) 20
- Cherfils, J. see J.-P. Jacquot (401) 143
- Chernyak, B.V., Cyclosporin A-sensitive release of  $\text{Ca}^{2+}$  from mitochondria in intact thymocytes (418) 131
- Chernyi, A.A. see G.P. Moiseyev (404) 169
- Chernyi, A.A. see V.L. Tunitskaya (400) 263
- Chertov, O.Yu. see T.S. Golubeva (405) 312
- Chestukhina, G.G. see A.B. Shevelev (404) 148
- Cheung, H.T. see B. Birdsall (402) 157
- Cheung, W.-F. see B. Tomkinson (405) 277
- Chhatwal, G.S. see O.D. Liang (407) 169
- Chi, Y.-L., H. Yokota and S.-H. Kim, Apo structure of the ligand-binding domain of aspartate receptor from *Escherichia coli* and its comparison with ligand-bound or pseudoligand-bound structures (414) 327
- Chiancone, E. see A. Boffi (411) 335
- Chiancone, E. see C. Zamparelli (409) 1
- Chiarugi, P. see T. Fiaschi (417) 130
- Chiba, H. see Y. Kuroki (414) 387
- Chichkova, N.V. see Y.P. Rubtsov (413) 135

- Chihara, K. see M. Nasu (409) 63
- Chiloeches, A. see A.-M. Valencia (406) 42
- Chiloeches, A., F. Usera, M. Lasa, S. Ropero, A. Montes and M.J. Toro, Effect of mevalonate availability on the association of G-protein  $\alpha$ -subunits with the plasma membrane in GH<sub>3</sub>C<sub>1</sub> cells (401) 68
- Ching, Y.P. see V. Gaussin (413) 115
- Ching, Y.P., T. Kobayashi, S. Tamura and D.G. Hardie, Specificity of different isoforms of protein phosphatase-2A and protein phosphatase-2C studied using site-directed mutagenesis of HMG-CoA reductase (411) 265
- Chiu, S.Y. see I. Choi (405) 133
- Cho, J. see Y. Nakajima (415) 64
- Cho, Y. see I. Lee (400) 158
- Choe, H.-W. see U. Wilden (415) 268
- Choi, I. and S.Y. Chiu, Abolition of substrate-dependent currents by tyrosine mutation in the transmembrane domain of glutamate transporter (405) 133
- Choi, I.-G. see J.-H. Lim (406) 142
- Choi, S.-E. see J.-H. Kim (406) 93
- Choi, Y. see M.W. McEnery (420) 74
- Chollet, R. see C.J. Chastain (413) 169
- Chollet, R. see X.-Q. Zhang (410) 126
- Choo-Smith, L.-P. and W.K. Surewicz, The interaction between Alzheimer amyloid  $\beta$ (1-40) peptide and ganglioside G<sub>M1</sub>-containing membranes (402) 95
- Chordia, M.C. see R. Nicholov (405) 73
- Chou, C.-C. see M.-L. Tsaor (400) 215
- Chou, K.-C., D. Jones and R.L. Heinrichson, Prediction of the tertiary structure and substrate binding site of caspase-8 (419) 49
- Choudhry, M.A. see S. Ahmad (402) 213
- Choudhury, N. see M. Rafiq (407) 132
- Chow, S.C., R. Snowden, S. Orrenius and G.M. Cohen, Susceptibility of different subsets of immature thymocytes to apoptosis (408) 141
- Christensen, U. see L. Mølgaard (405) 363
- Christomanou, H. see K. Harzer (417) 270
- Christophersen, P. see P.K. Ahring (415) 67
- Christov, V. see G. Saalbach (413) 294
- Chroboczek, J. see L.A. Balakireva (400) 267
- Chroni, S. see M. Haumann (410) 243
- Chu, J.-T. see T.-C. Chang (415) 11
- Chu, L.-L. see T.-C. Chang (415) 11
- Chuba, J. see J. Ghiso (408) 105
- Chueca, A. see J.-P. Jacquot (401) 143
- Chung, C.H. see D.H. Shin (413) 495
- Chung, C.H. see S.J. Yoo (412) 57
- Chung, M.C.M. see G.S. Gendeh (418) 183
- Chung, S. see J.H. Shin (415) 299
- Churchill, M.E.A. see L.K. Dow (414) 514
- Churgay, L.M. see A.D. Kline (407) 239
- Churin, Y. see A. Wilde (406) 89
- Churin, Y. see A. Wilde (412) 404
- Chwetzoff, S. and S. d'Andrea, Ubiquitin is physiologically induced by interferons in luminal epithelium of porcine uterine endometrium in early pregnancy: global RT-PCR cDNA in place of RNA for differential display screening (405) 148
- Ciavatta, P. see L. Cervoni (417) 227
- Ciccoli, L. see M. Ferrali (416) 123
- Ciechanover, A. see H. Gonen (406) 17
- Ciechanover, A. see S. Gross-Mesilaty (405) 175
- Cillard, J. see J. Antras-Ferry (403) 100
- Cillard, P. see J. Antras-Ferry (403) 100
- Ciofani, G. see D. Lapenna (409) 265
- Cirilli, M., C. Gallina, E. Gavuzzo, C. Giordano, F.X. Gomis-Rüth, B. Gorini, L.F. Kress, F. Mazza, M. Paglialunga Paradisi, G. Pochetti and V. Politi, 2 A X-ray structure of adamalysin II complexed with a peptide phosphonate inhibitor adopting a retro-binding mode (418) 319
- Cirucla, F. and R.A.J. McIlhinney, Differential internalisation of mGluR1 splice variants in response to agonist and phorbol esters in permanently transfected BHK cells (418) 83
- Citores, L. see F.M. de Benito (413) 85
- Ciucci, A., C. Palma, D. Riitano, S. Manzini and T.M. Werge, Gly<sup>66</sup> in the NK<sub>1</sub> receptor regulates tachykinin selectivity and receptor conformation (416) 335
- Claesson-Welsh, L. see K. Hansen (409) 195
- Clairmont, A. and H. Sies, Evidence for a posttranscriptional effect of retinoic acid on connexin43 gene expression via the 3'-untranslated region (419) 268
- Claire, C. see M.A. Edeas (418) 15
- Clark, B.F.C. see J. Barciszewski (414) 457
- Clark, J.B. see P.S. Brookes (416) 90
- Clark, J.M. see M.E. McGrath (413) 486
- Clarke, A.J., J. Drummelsmith and M. Yaguchi, Identification of the catalytic nucleophile in the cellulase from *Schizophyllum commune* and assignment of the enzyme to Family 5, subtype 5 of the glycosidases (414) 359
- Clarke, A.R. see C.J. Smith (405) 378
- Clarke, D.T. see M.F. Symmons (412) 397
- Clarris, H.J. see S.S. Mok (415) 303
- Clatworthy, J. see F. Volpe (419) 41
- Claus, R. see R. Kinscherf (405) 55
- Clausen, T. see M.C. Wahl (414) 492
- Clemmons, A.L. see S. Wang (411) 225
- Clerk, A. and P.H. Sugden, Activation of p21-activated protein kinase  $\alpha$  ( $\alpha$ PAK) by hyperosmotic shock in neonatal ventricular myocytes (403) 23
- Clogston, C. see S. Goruppi (415) 59
- Clot-Faybesse, O. see C. Devaux (412) 456
- Clough, B., M. Strath, P. Preiser, P. Denny and I.(J.M.). Wilson, Thiostrepton binds to malarial plastid rRNA (406) 123
- Cnubben, N.H.P. see R. Evers (419) 112
- Coassin, M. see L. Cavallini (400) 99
- Coca-Prados, M. see J. Ortego (413) 349
- Cockcroft, S., Phosphatidylinositol transfer proteins: requirements in phospholipase C signaling and in regulated exocytosis (410) 44
- Cohen, G. see O. Landman (405) 172
- Cohen, G.M. see S.C. Chow (408) 141
- Cohen, J.S. see O. Kaplan (406) 175
- Cohen, P. see C.G. Armstrong (418) 210
- Cohen, P. see D.A.E. Cross (406) 211
- Cohen, P. see N. Dion (411) 140
- Cohen, P. see M. Goedert (409) 57
- Cohen, P. see J.-P. Kreivi (420) 57
- Cohen, P. see S. Lawler (414) 153
- Cohen, P. see M. Shaw (416) 307
- Cohen, P., D.R. Alessi and D.A.E. Cross, PDK1, one of the missing links in insulin signal transduction? (410) 3
- Cohen, P.T.W. see C.G. Armstrong (418) 210
- Cohen, P.T.W. see M.X. Chen (400) 136
- Cohn, M.A., D. Kramerov, E.F. Hulgaard and E.M. Lukanidin, The differentiation antigen Ly-6E.1 is expressed in mouse metastatic tumor cell lines (403) 181
- Colamonici, O.R. see S. Uddin (403) 31
- Colás, B. see A.-M. Valencia (406) 42
- Colella, A. see M. Pomponi (409) 155
- Coletta, M. see L. Fiorucci (408) 85
- Coletta, S. see L. Maiuri (408) 225
- Coll, M. see D. Reverter (420) 7
- Collet, J.-F. see I. Gerin (419) 235
- Collet, J.-F. see M. Pirard (411) 251
- Collet, J.-F., I. Gerin, M.H. Rider, M. Veiga-da-Cunha and E. Van Schaftingen, Human 1-3-phosphoserine phosphatase: sequence, expression and evidence for a phosphoenzyme intermediate (408) 281
- Collin, D. see R. Cerdan (408) 235
- Collinge, J. see C.J. Smith (405) 378
- Collins, J. see S.V. Gulnik (413) 379
- Collis, C.S. see L.C. Bourne (414) 576
- Colombatti, A. see R. Doliana (417) 65
- Colombo, L. see F. Argenton (407) 191
- Colombo, M.P. see M. Radrizzani (411) 87
- Cols, N., S. Atrian, J. Benach, R. Ladenstein and R. González-Duarte, Drosophila alcohol dehydrogenase: evaluation of Ser<sup>139</sup> site-directed mutants (413) 191
- Colson-Corbisier, A.-M. see B. Eddekaoui (404) 51
- Comin, B. see J. Puigjaner (418) 47
- Compassi, S. see D. Boffelli (411) 7
- Comporti, M. see M. Ferrali (416) 123
- Connolly, C.M. and S.B. Sandmeyer, RNA polymerase III interferes with Ty3 integration (405) 305
- Conradt, H.S. see N.S. Melo (415) 186
- Contarini, M.G. see L.B. de A. Gerhardt (419) 69

- Conte, E., C. Bonaiuto, C. Nesci, N. Crimi, C. Vancheri and A. Messina, Nuclear factor- $\kappa$ B activation in human monocytes stimulated with lipopolysaccharide is inhibited by fibroblast conditioned medium and exogenous PGE<sub>2</sub> (400) 315
- Conti, A. see A. Cantisani (412) 515
- Contreras, J.A. see T. Østerlund (403) 259
- Contreras, R. see A. De Bruyn (405) 111
- Conway, P.L. see C.U. Rang (418) 27
- Conway, S., J.E. Drew, S.J. Canning, P. Barrett, R. Jockers, A. Strosberg, B. Guardiola-Lemaitre, P. Delagrange and P.J. Morgan, Identification of Mel<sub>1a</sub> melatonin receptors in the human embryonic kidney cell line HEK293: evidence of G protein-coupled melatonin receptors which do not mediate the inhibition of stimulated cyclic AMP levels (407) 121
- Cooke, R. see M. Delseny (403) 221
- Cooke, R. see M. Delseny (405) 129
- Cooper, C.E., J. Torres, M.A. Sharpe and M.T. Wilson, Nitric oxide ejects electrons from the binuclear centre of cytochrome *c* oxidase by reacting with oxidised copper: a general mechanism for the interaction of copper proteins with nitric oxide? (414) 281
- Cooper, E.L. see I. Lee (400) 158
- Cooper, J. see A. Finch (418) 144
- Copeland, T.D. see M.W. McEnery (420) 74
- Coppi, M.V. and G. Guidotti, Ubiquitination of Na,K-ATPase  $\alpha$ 1 and  $\alpha$ 2 subunits (405) 281
- Corbani, M. see R. Capeyrou (415) 200
- Corbel, S., E. Traiffort, H. Stark, W. Schunack and M. Dy, Binding of histamine H<sub>3</sub>-receptor antagonists to hematopoietic progenitor cells (404) 289
- Corbi, N., M. Perez, R. Maione and C. Passananti, Synthesis of a new zinc finger peptide; comparison of its 'code' deduced and 'CASTing' derived binding sites (417) 71
- Cordeiro, M.C. see L.B. de A. Gerhardt (419) 69
- Corman, B. see N. Ancellin (413) 323
- Cormio, A. see A.M.S. Lezza (418) 167
- Corona, P. see D. Angoli (408) 341
- Corradin, G. see M.A. Roggero (408) 285
- Corte, G. see P. Briata (402) 131
- Corvol, P. see S. Germain (407) 177
- Corvol, P. see P. Korth (417) 365
- Coscia, A. see A. Cantisani (412) 515
- Cosman, D. see J. Müllberg (401) 235
- Cosmelli, D., M. Antonelli, C.C. Allende and J.E. Allende, An inactive mutant of the  $\alpha$  subunit of protein kinase CK2 that traps the regulatory CK2 $\beta$  subunit (410) 391
- Cospedal, R. see C. Wheeler-Jones (420) 28
- Cossarizza, A. see D. Monti (409) 365
- Cossarizza, A. see S. Salvio (411) 77
- Costa, C., A.M. Rinaldi, D.P. Romancino, C. Cavalcante, A. Vizzini and M. Di Carlo, Centrifugation does not alter spatial distribution of 'BEP4' mRNA in paracentrotus lividus EGg (410) 499
- Costa, E.J.X., C.S. Shida, M.H. Biaggi, A.S. Ito and M. Lamy-Freund, How melatonin interacts with lipid bilayers: a study by fluorescence and ESR spectroscopies (416) 103
- Costa, J. see N.S. Melo (415) 186
- Costa, M. see A.E. Dear (402) 265
- Costagliola, S. see L. Duprez (409) 469
- Costantino, N. see A.S. Altieri (415) 221
- Costanzo, C. see G. Gotte (415) 308
- Costello, C.E. see J. Helin (412) 637
- Costello, C.E. see H. Salminen (419) 220
- Côté, G.L. see P. Biely (420) 121
- Cottam, G. see J.G. Jones (412) 131
- Cotter, T.G. see A. Gorman (404) 27
- Coudoré, F., P. Calsou and B. Salles, DNA repair activity in protein extracts from rat tissues (414) 581
- Coughlan, C.M., P.G. Burger, E.G. Berger and K.C. Breen, The biochemical consequences of  $\alpha$ 2,6(N) sialyltransferase induction by dexamethasone on sialoglycoprotein expression in the rat H411c hepatoma cell line (413) 389
- Coughlin, S.R. see S. An (417) 279
- Coulson, P. see P.R. Daniels (416) 6
- Cournac, L., K. Redding, P. Bennoun and G. Peltier, Limited photosynthetic electron flow but no CO<sub>2</sub> fixation in *Chlamydomonas* mutants lacking photosystem I (416) 65
- Court, D.L. see A.S. Altieri (415) 221
- Courtois, B. see J.-C. Portais (412) 485
- Courtois, J. see J.-C. Portais (412) 485
- Cowley, D.J. and R.B. Mackin, Expression, purification and characterization of recombinant human proinsulin (402) 124
- Cox, R.J., T.S. Hitchman, K.J. Byrom, I.C. Findlow, J.A. Tanner, J. Crosby and T.J. Simpson, Post-translational modification of heterologously expressed *Streptomyces* type II polyketide synthase acyl carrier proteins (405) 267
- Cozzi, L. see S. Toma (408) 5
- Cragg, H. see W.M. Macfarlane (413) 304
- Craig, A., W.H. Fischer, M. Park, J.E. Rivier, B.D. Musselman, J.F.F. Powell, S.M. Reska-Skinner, M.O. Prakash, G.O. Mackie and N.M. Sherwood, Sequence of two gonadotropin releasing hormones from tunicate suggest an important role of conformation in receptor activation (413) 215
- Cramer, P. and C.W. Müller, Engineering of diffraction-quality crystals of the NF- $\kappa$ B P52 homodimer:DNA complex (405) 373
- Cramer, P. and C.W. Müller, Engineering of diffraction-quality crystals of the NF- $\kappa$ B P52 homodimer:DNA complex (405) 394
- Crane, D. see P.J. Morgan (412) 563
- Cremaschi, D. see G. Meyer (404) 11
- Crest, M. see R. Kharat (406) 284
- Crilly, K.S. see Z. Kiss (412) 313
- Crilly, K.S. see Z. Kiss (415) 71
- Crimi, N. see E. Conte (400) 315
- Crine, P. see N. Dion (411) 140
- Croes, K., M. Casteels, S. Asselberghs, P. Herdewijn, G.P. Mannaerts and P.P. Van Veldhoven, Formation of a 2-methyl-branched fatty aldehyde during peroxisomal  $\alpha$ -oxidation (412) 643
- Croes, K., P.P. Van Veldhoven, G.P. Mannaerts and M. Casteels, Production of formyl-CoA during peroxisomal  $\alpha$ -oxidation of 3-methyl-branched fatty acids (407) 197
- Cronk, D. see S.J. Perry (409) 426
- Crosby, J. see R.J. Cox (405) 267
- Cross, C.E. see J.J. Thiele (401) 167
- Cross, D.A.E. see P. Cohen (410) 3
- Cross, D.A.E., P.W. Watt, M. Shaw, J. van der Kaay, C. Downes, J.C. Holder and P. Cohen, Insulin activates protein kinaseB, inhibits glycogen synthase kinase-3 and activates glycogen synthase by rapamycin-insensitive pathways in skeletal muscle and adipose tissue (406) 211
- Crouzet, M. see P. Sivadon (417) 21
- Crowder, M.W., M.K. Maiti, L. Banovic and C.A. Makaroff, Glyoxalase II from *A. thaliana* requires Zn(II) for catalytic activity (418) 351
- Csere, P. see G. Kispal (418) 346
- Csóka, T.B., G.I. Frost, T. Wong and R. Stern, Purification and microsequencing of hyaluronidase isozymes from human urine (417) 307
- Cuccurullo, F. see D. Lapenna (409) 265
- Cuellar, A., J. Ramirez, V.M. Infante and E. Chávez, Further studies on the recoupling effect of 6-ketocholestanol upon oxidative phosphorylation in uncoupled liver mitochondria (411) 365
- Cuenda, A. see M. Goedert (409) 57
- Cuenda, A. see S. Lawler (414) 153
- Cuif, M.-H., B. Doiron and A. Kahn, Insulin and cyclic AMP act at different levels on transcription of the L-type pyruvate kinase gene (417) 81
- Cullin, C. see A.A. Komar (415) 6
- Cummins, T.R. see S.D. Dib-Hajj (416) 11
- Cunningham, M.D. see G. Pei (412) 253
- Cuppen, E. see J. Schepens (409) 53
- Cuppen, H. see J.-P. Annercau (407) 303
- Curd, I. see M. Jäckel (408) 21
- Curstedt, L. see R.M. Bolton (406) 216
- Curth, U. see G. Webster (411) 313
- Curth, U. see G. Webster (415) 351
- Curth, U. see G. Webster (416) 387
- Cushman, S.W. see D. Malide (409) 461
- Cusso, R. see J. Parra (403) 279
- Cutler, P. see D. Howlett (417) 249
- Cutler, P., F. Brown, P. Camilleri, D. Carpenter, A. George, C. Gray, M. Haran and B. Stewart, The recognition of haemoglobin by antibodies raised for the immunoassay of  $\beta$ -amyloid (412) 341
- Cutrone, E.C. and J.A. Langer, Contributions of cloned type I interferon receptor subunits to differential ligand binding (404) 197
- Cutruzzola, F., M. Aresé, S. Grasso, A. Bellelli and M. Brunori, Mutagenesis of nitrite reductase from *Pseudomonas aeruginosa*: tyrosine-10 in the c heme domain is not involved in catalysis (412) 365

Cvrčková, F. see V. Žárský (403) 303  
 Cygler, M. see J.-L. Schwartz (410) 397

# D

- D'Acquisto, F., T. Iuvone, L. Rombolà, L. Sautebin, M. Di Rosa and R. Carnuccio, Involvement of NF- $\kappa$ B in the regulation of cyclooxygenase-2 protein expression in LPS-stimulated J774 macrophages (418) 175
- d'Ambrosio, G. see M. Porcelli (402) 102
- D'Amico, G. see S. Sozzani (418) 98
- D'Andrea, P. and F. Vittur, Propagation of intercellular  $\text{Ca}^{2+}$  waves in mechanically stimulated articular chondrocytes (400) 58
- d'Andrea, S. see S. Chwetzoff (405) 148
- d'Avignon, D. see D. Rong (402) 116
- D'Haese, J. see T. Giebing (417) 191
- da Silva, M.C.M. see S.M. de Freitas (409) 121
- Dace, A. see J.-P. Grillasca (401) 38
- Daffonchio, L. see G. Meyer (404) 11
- Daffre, S. and I. Faye, Lipopolysaccharide interaction with hemolin, an insect member of the Ig-superfamily (408) 127
- Daha, M.R. see N.J. Lynch (418) 111
- Dahm, A. see C. Stehlin (403) 268
- Dahmen, H. see B. Lebeau (407) 141
- Dahmoune, Y. see O. Blondel (412) 465
- Dahse, I. see G. Saalbach (413) 294
- Dai, L. see R.H. Sarma (418) 76
- Daikoku, T., Y. Shinohara, A. Shima, N. Yamazaki and H. Terada, Dramatic enhancement of the specific expression of the heart-type fatty acid binding protein in rat brown adipose tissue by cold exposure (410) 383
- Dal Pra, I. see A. Vartanian (415) 160
- Dalie, B. see C.A. Lunn (400) 333
- Dallapiccola, B. see M. Lucarelli (401) 53
- Dallaporta, B. see S. Hortelano (410) 373
- Dallner, G. see I. Parmryd (414) 527
- Dalvit, C. see I. Bertini (415) 45
- Damante, G. see L. Pellizzari (407) 320
- Damaschun, G. see K. Gast (403) 245
- Damaschun, H. see K. Gast (403) 245
- Damien, E. see K.E. Wells (407) 164
- Daniel, V. see R. Kinscherf (405) 55
- Daniels, P.R., C.M. Sanders, P. Coulson and N.J. Maitland, Molecular analysis of the interaction between HPV type 16 E6 and human E6-associated protein (416) 6
- Daniel-Vedele, F. see H.-N. Truong (410) 213
- Danø, K. see N. Behrendt (402) 293
- Danø, K. see G. Høyer-Hansen (420) 79
- Danty, E., C. Michard-Vanhée, J.-C. Huet, E. Genecque, J.-C. Pernollet and C. Masson, Biochemical characterization, molecular cloning and localization of a putative odorant-binding protein in the honey bee *Apis mellifera* L. (Hymenoptera: Apidea) (414) 595
- Darbon, J.-M. see S. Manenti (419) 95
- Darnay, B.G. and B.B. Aggarwal, Inhibition of protein tyrosine phosphatases causes phosphorylation of tyrosine-331 in the p60 TNF receptor and inactivates the receptor-associated kinase (410) 361
- Darnay, B.G., S. Singh and B.B. Aggarwal, The p80TNF receptor-associated kinase (p80TRAK) associates with residues 354–397 of the p80 cytoplasmic domain: similarity to casein kinase (406) 101
- Darzon, A. see A. Lorence (414) 303
- Date, K., K. Matsumoto, H. Shimura, M. Tanaka and T. Nakamura, HGF/NK4 is a specific antagonist for pleiotrophic actions of hepatocyte growth factor (420) 1
- Dathe, M. see T. Wierprecht (417) 135
- Dathe, M., T. Wierprecht, H. Nikolenko, L. Handel, W. Maloy, D.L. MacDonald, M. Beyermann and M. Bienert, Hydrophobicity, hydrophobic moment and angle subtended by charged residues modulate antibacterial and haemolytic activity of amphipathic helical peptides (403) 208
- Dau, H. see H. Schiller (410) 433
- Daum, G. see A. Leber (411) 211
- Dauter, Z. see S. Avaeva (410) 502
- Dautry, F. see O. Boussadia (420) 20
- Dautry, F. see S. Deschamps (412) 495
- Daveau, M. see A. Yassad (413) 81
- David, J.-P. see N. Sergeant (412) 578
- Davies, J.A., V.L. Buchman, O. Krylova and N.N. Ninkina, Molecular cloning and expression pattern of *rpr-1*, a resiniferatoxin-binding, phosphotriesterase-related protein, expressed in rat kidney tubules (410) 378
- Davies, P. see M. Fischer (419) 259
- Davies, S.P. see A.B. Sprenkle (403) 254
- Davis, S.S. see A.E. Hawley (400) 319
- Davydova, N.L., A.V. Rak, O.I. Gryaznova, A. Liljas, B.-H. Jonsson, H. Berglund, T. Hård and M.B. Garber, Preliminary NMR studies of *Thermus thermophilus* ribosomal protein S19 overproduced in *Escherichia coli* (415) 155
- Dawes, I.W. see C.M. Grant (410) 219
- Dawson, S.J. see R.D. Gay (416) 135
- Dawson, S.P. see P. Löw (400) 345
- Day, A.J. see A.A. Parkar (410) 413
- de A. Gerhardt, L.B., G. Sachetto-Martins, M.G. Contarini, M. Sandroni, R. de P. Ferreira, V.M. de Lima, M.C. Cordeiro, D.E. de Oliveira and M. Margis-Pinheiro, *Arabidopsis thaliana* class IV chitinase is early induced during the interaction with *Xanthomonas campestris* (419) 69
- de A. Steffensen, S.A., A.B. Poulsen, K.K. Mortensen and H.U. Sperling-Petersen, *E. coli* translation initiation factor IF2 - an extremely conserved protein. Comparative sequence analysis of the *infB* gene in clinical isolates of *E. coli* (419) 281
- De Antoni, A. see G. Valle (415) 163
- de Benito, F.M., L. Citores, R. Iglesias, J. Ferreras, E. Camafeita, E. Méndez and T. Girbés, Isolation and partial characterization of a novel and uncommon two-chain 64-kDa ribosome-inactivating protein from the bark of elder (*Sambucus nigra* L.) (413) 85
- de Boer, J.M. see A. Schouten (415) 235
- de Bono, D.P. see W. Yang (403) 139
- De Bruyn, A., M. Maras, J. Schraml, P. Herdewijn and R. Contreras, NMR evidence for a novel asparagine-linked oligosaccharide on cellobiohydrolase I from *Trichoderma reesei* RUTC 30 (405) 111
- De Camilli, P. see W. Guo (404) 135
- De Camilli, P. see C. Haffner (419) 175
- De Clercq, E. see J. Balzarini (410) 324
- De Clercq, R. see N. Terryn (416) 156
- De Corte, V., J. Gettemans and J. Vandekerckhove, Phosphatidylinositol 4,5-bisphosphate specifically stimulates PP60<sup>csrc</sup> catalyzed phosphorylation of gelsolin and related actin-binding proteins (401) 191
- De Felice, M. see A. Lanni (418) 171
- De Filippis, V. see A. Negro (412) 359
- De Flora, A. see L. Sturla (412) 126
- de Freitas, S.M., L.V. de Mello, M.C.M. da Silva, G. Vriend, G. Neshich and M.M. Ventura, Analysis of the black-eyed pea trypsin and chymotrypsin inhibitor- $\alpha$ -chymotrypsin complex (409) 121
- De Geyter, C., B. Vogt, Z. Benjelloun-Touimi, P. Sansonetti, J.-M. Ruyschaert, C. Parsot and V. Cabiaux, Purification of IpaC, a protein involved in entry of *Shigella flexneri* into epithelial cells and characterization of its interaction with lipid membranes (400) 149
- De Gier, J.-W.L., Q.A. Valent, G. Von Heijne and J. Lührink, The *E. coli* SRP: preferences of a targeting factor (408) 1
- de Gioia, S. see D. Lapenna (409) 265
- de Groot, R.P. see T.B. van Dijk (412) 161
- De Jaeger, G., E. Buys, D. Eeckhout, A.-M. Bruyns, M. De Neve, C. De Wilde, T. Gerats, M. Van Montagu, R. Fischer and A. Depicker, Use of phage display for isolation and characterization of single-chain variable fragments against dihydroflavonol 4-reductase from *Petunia hybrida* (403) 116
- De Jong, L.P.A. see R. Barak (407) 347
- de Jong, W.W. see R.H.P.H. Smulders (409) 101
- de Kerchove d'Exaerde, A. see P. Catty (409) 325
- De Keyser, A. see N. Terryn (416) 156
- de Kruijff, B. see W. van Klompenburg (413) 109
- de la Calle, H. see P. Bonay (416) 276
- de la Fuente, N., A.M. Maldonado and F. Portillo, Glucose activation of the yeast plasma membrane  $\text{H}^+$ -ATPase requires the ubiquitin-proteasome proteolytic pathway (411) 308
- de la Fuente, N., A.M. Maldonado and F. Portillo, Yeast gene *YOR137c* is involved in the activation of the yeast plasma membrane  $\text{H}^+$ -ATPase by glucose (420) 17

- de Leeuw, E., D. Poland, O. Mol, I. Sinning, C.M. ten Hagen-Jongman, B. Oudega and J. Luijck, Membrane association of FtsY, the *E. coli* SRP receptor (416) 225
- De Leo, M.E., M. Landriscina, B. Palazzotti, S. Borrello and T. Galeotti, Iron modulation of LPS-induced manganese superoxide dismutase gene expression in rat tissues (403) 131
- de Lima, V.M. see L.B. de A. Gerhardt (419) 69
- De Luca, G. see R. Albertini (403) 154
- De Luca, G. see A. Passi (402) 286
- De Luca, G. see A. Passi (420) 175
- De Marco, G. see L. Maiuri (408) 225
- De Marco, V. see L. Palmieri (410) 447
- de Meis, L., M. Bianconi and V.A. Suzano, Control of energy fluxes by the sarcoplasmic reticulum  $\text{Ca}^{2+}$ -ATPase: ATP hydrolysis, ATP synthesis and heat production (406) 201
- de Mello, L.V. see S.M. de Freitas (409) 121
- de Miguel, C. see S. Herblot (414) 146
- De Mot, R. see F. Zühl (400) 83
- de Nanteuil, G. see G. Ferry (402) 111
- De Neve, M. see G. De Jaeger (403) 116
- De Nitto, E. see N. Capitanio (414) 414
- de Oliveira, D.E. see L.B. de A. Gerhardt (419) 69
- de P. Ferreira, R. see L.B. de A. Gerhardt (419) 69
- De Palma, A. see L. Palmieri (417) 114
- de Person, G. see P. Sodano (416) 130
- de Pinto, B. see N. Altamura (409) 96
- de Ritis, G. see L. Maiuri (408) 225
- De Rocquigny, H. see H.Y.L. Tung (401) 197
- De Rosa, M. see M. Porcelli (402) 102
- de Rozario, N.L. see I.G. Macreadie (410) 145
- De Santis, C. see L. Guerrini (412) 277
- de Sousa, M. see J. Zhan (407) 271
- de Souza, J. see G. Gregoriadis (402) 107
- De Tullio, M. see S. Morell (414) 567
- De Tullio, R. see F. Salamino (412) 433
- De Veylder, L., G. Segers, N. Glab, P. Casteels, M. Van Montagu and D. Inzé, The *Arabidopsis* Cks1At protein binds the cyclin-dependent kinases Cdc2aAt and Cdc2bAt (412) 446
- de Vries, J.H.M. see P.C.H. Hollman (418) 152
- de Vries, R.R.P. see B.A. 't Hart (409) 91
- de Waard, V. see C. Hop (405) 167
- de Wijs, J.L.J. see J.L.A. Pennings (410) 235
- De Wilde, C. see G. De Jaeger (403) 116
- de Wit, P.J.G.M. see J. Vervoort (404) 153
- Dear, A.E., M. Costa and R.L. Medcalf, Urokinase-mediated transactivation of the plasminogen activator inhibitor type 2 (PAI-2) gene promoter in HT-1080 cells utilises AP-1 binding sites and potentiates phorbol ester-mediated induction of endogenous PAI-2 mRNA (402) 265
- Debat, H. see H. Berry (408) 324
- Debnam, E. see R. Dong (406) 79
- Debrock, S. see T.-H. Ngo (416) 373
- DeBusk, L.M. see C. Russo (409) 411
- Decker, H. see F.G. Pertion (408) 124
- Declerck, P.J. see A. Gils (415) 192
- Declerck, P.J. see T.-H. Ngo (416) 373
- Declercq, W. see M. Van de Craen (403) 61
- Decoster, E., V. Vandevoorde, R. Beyaert, G. Haegeman and W. Fiers, Resistance to tumor necrosis factor (TNF) cytotoxicity by autocrine TNF production is independent of intracellular signaling pathways (416) 183
- Decroly, E. see S. Zarkik (406) 205
- Decroly, E., S. Benjannet, D. Savaria and N.G. Seidah, Comparative functional role of PC7 and furin in the processing of the HIV envelope glycoprotein gp160 (405) 68
- Dedukhova, V.I. see N.V. Malkevitch (412) 173
- Dees, C. see S. Schröder (401) 243
- Defer, N. see L. Lipskaia (415) 275
- Deforges, L. see A. Ménard (413) 477
- Degnan, B.M., S.M. Degnan, G. Fentenany and D.E. Morse, A Mox homeobox gene in the gastropod mollusc *Haliotis rufescens* is differentially expressed during larval morphogenesis and metamorphosis (411) 119
- Degnan, S.M. see B.M. Degnan (411) 119
- Déhaïs, P. see N. Terryn (416) 156
- Dehesh, K. see P. Edwards (402) 62
- Deigner, H.P. see R. Kinscherf (405) 55
- Deikus, G.Y. see E.A. Permyakov (405) 273
- DeJong, E. see E.P. Nikonowicz (415) 109
- del Gaudio, R., R. Di Giaimo and G. Geraci, Genome methylation of the marine annelid worm *Chaetopterus variopedatus*: methylation of a CpG in an expressed H1 histone gene (417) 48
- del Mazo, J. see L.A. López-Fernández (407) 225
- Delacourte, A. see N. Sergeant (412) 578
- Delaforge, M. see A. Renodon (406) 33
- Delagrangé, P. see S. Conway (407) 121
- Delahodde, A. see H. Wolfger (418) 269
- Delannoy, M. see Y.H. Ko (405) 200
- Delattre, J. see D. Bonnefont-Rousselot (403) 70
- Delattre, J. see C. Mazière (409) 351
- Delbono, O. see M.L. Messi (411) 32
- Delbono, O. see M. Renganathan (417) 13
- Delcroix, J.-D. see M. Valerio-Lepiniec (407) 159
- Delgado, D. see R. DiPolo (401) 6
- Delgado, M.B. see U. Forssmann (408) 211
- Delia, D. see M. Radrizzani (411) 87
- Deligeorgiev, T.G. see I.I. Timcheva (405) 141
- Dell, G., A. Ward and W. Engström, Regulation of a promoter from the mouse insulin like growth factor II gene by glucocorticoids (419) 161
- Della Fazio, M.A., G. Servillo and P. Sassone-Corsi, Cyclic AMP signalling and cellular proliferation: regulation of CREB and CREM (410) 22
- Delpal, S. see M. Lkhider (401) 117
- Delpech, B. see V. Trochon (418) 6
- del-Rio, G., E. Morett and X. Soberon, Did cyclodextrin glycosyltransferases evolve from  $\alpha$ -amylases? (416) 221
- Delseny, M., R. Cooke, M. Raynal and F. Grellet, The *Arabidopsis thaliana* cDNA sequencing projects (403) 221
- Delseny, M., R. Cooke, M. Raynal and F. Grellet, The *Arabidopsis thaliana* cDNA sequencing projects (405) 129
- Demigné, C. see C. Manach (409) 12
- Demmer, J., C. Zhou and M.J. Hubbard, Molecular cloning of ERp29, a novel and widely expressed resident of the endoplasmic reticulum (402) 145
- den Blaauwen, T., E. Terpetschnig, J.R. Lakowicz and A.J.M. Driessen, Interaction of SecB with soluble SecA (416) 35
- Deng, G., D.W. Andrews and R.A. Laursen, Amino acid sequence of a new type of antifreeze protein, from the longhorn sculpin *Myoxocephalus octodecimspinosus* (402) 17
- Deng, T., Bacterial expression and purification of biologically active mouse c-Fos proteins by selective codon optimization (409) 269
- Denisenko, O. see K. Bomszyk (403) 113
- Dennehy, U. see D.M. Brennan (413) 70
- Dennis, A. see D. Rampe (417) 28
- Dennis, I.F. see K.L.H. Carpenter (401) 262
- Denny, P. see B. Clough (406) 123
- Dent, P. see W. Jarvis (412) 9
- Depicker, A. see G. De Jaeger (403) 116
- Depka, B. see A. Trebst (400) 359
- Dequin, S. see M. Bony (410) 452
- Dér, A. see Z. Tokaji (405) 125
- Deschamps, S., H. Jacquemin-Sablon, G. Triqueneaux, O. Mulner-Lorillon, M. Potier, J.-P. Le Caer, F. Dautry and M. le Maire, mRNP3 and mRNP4 are phosphorylatable by casein kinase II in *Xenopus* oocytes, but phosphorylation does not modify RNA-binding affinity (412) 495
- Desideri, A. see B. Meier (414) 122
- Desmyter, A. see M. Arbabi Ghahroudi (414) 521
- Dessi, P. and J. Whelan, Temporal regulation of in vitro import of precursor proteins into tobacco mitochondria (415) 173
- Desterro, J.M.P., J. Thomson and R.T. Hay, Ubch9 conjugates SUMO but not ubiquitin (417) 297
- Desvoves, B., J.-L. Poyet, J.-L. Schlick, P. Adami, M. Jouvenot and P. Dulieu, Identification of a biological inactive complex form of pokeweed antiviral protein (410) 303
- Devaux, C., O. Clot-Faybesse, M. Juin, K. Mabrouk, J.-M. Sabatier and H. Rochat, Monoclonal antibodies neutralizing the toxin II from *Androctonus australis hector* scorpion venom: usefulness of a synthetic, non-toxic analog (412) 456
- Devenish, R.J. see M. Prescott (411) 97
- Devic, E., L. Paquereau, R. Steinberg, D. Caput and Y. Audigier, Early expression of a  $\beta_1$ -adrenergic receptor and catecholamines in *Xenopus* oocytes and embryos (417) 184

- Devin, A., B. Guérin and M. Rigoulet, Cytosolic NAD<sup>+</sup> content strictly depends on ATP concentration in isolated liver cells (410) 329
- Devonshire, A.L. see H. Vais (413) 327
- Devos, R. see S.A.B.W. Verploegen (405) 237
- Devreese, B. see P. Ledent (413) 194
- Dharmarajan, A.M. see V. Wolf (417) 385
- Dhindsa, R.S. see A.F. Monroy (410) 206
- Di Carlo, M. see C. Costa (410) 499
- Di Cesare, P.E., C.S. Carlson, E.S. Stollerman, F.S. Chen, M. Leslie and R. Perris, Expression of cartilage oligomeric matrix protein by human synovium (412) 249
- Di Donato, A., J.C. Lacal, M. Di Duca, M. Giampuzzi, G. Ghiggeri and R. Gusmano, Micro-injection of recombinant lysyl oxidase blocks oncogenic p21-Ha-Ras and progesterone effects on *Xenopus laevis* oocyte maturation (419) 63
- Di Duca, M. see A. Di Donato (419) 63
- Di Fiore, P.P. see C. Hafner (419) 175
- Di Giaimo, R. see R. del Gaudio (417) 48
- Di Gleria, K., C.M. Halliwell, C. Jacob and H.A.O. Hill, Site-specific introduction of an electroactive label into a non-electroactive enzyme ( $\beta$ -lactamase I) (400) 155
- Di Nocera, P.P. see G. Minchiotti (411) 189
- Di Paolo, G., B. Antonsson, D. Kassel, B.M. Riederer and G. Grenningloh, Phosphorylation regulates the microtubule-destabilizing activity of stathmin and its interaction with tubulin (416) 149
- Di Rosa, M. see F. D'Acquisto (418) 175
- di Tomaso, E. see M. Beltramo (403) 263
- Diamant, M., K. Rieneck, N. Mecht, X.-G. Zhang, M. Svenson, K. Bendtzen and B. Klein, Cloning and expression of an alternatively spliced mRNA encoding a soluble form of the human interleukin-6 signal transducer gp130 (412) 379
- Diamant, S. see P. Goloubinoff (407) 215
- Díaz, E. see A. Ferrández (406) 23
- Díaz-Laviada, I. see I. Galve-Roperh (415) 271
- Díaz-Nido, J. see J.R. Muñoz-Montaño (411) 183
- Dib-Hajj, S.D., K. Ishikawa, T.R. Cummins and S.G. Waxman, Insertion of a SNS-specific tetrapeptide in S3-S4 linker of D4 accelerates recovery from inactivation of skeletal muscle voltage-gated Na channel  $\mu 1$  in HEK293 cells (416) 11
- Dibrov, P., J.J. Smith, P.G. Young and L. Fliegel, Identification and localization of the *sod2* gene product in fission yeast (405) 119
- Dichgans, J. see B. Wagenknecht (409) 17
- Dick, F.A., D.P. Eisinger and B.L. Trumpower, Exchangeability of Qsr1p, a large ribosomal subunit protein required for subunit joining, suggests a novel translational regulatory mechanism (419) 1
- Dickson, G. see A.V. Zelenin (414) 319
- DiCosmo, F. see R. Nicholov (405) 73
- Diederichs, K. see A. Hirsch (404) 208
- Diedershausen, H. see H. Sauer (419) 201
- Diestelkötter, P. see B. Pause (414) 95
- Dietrich, A. and S. König, Substrate activation behaviour of pyruvate decarboxylase from *Pisum sativum* cv. Miko (400) 42
- Dietrich, G. see G. Gaibelet (404) 135
- Dietz, R. see P.-F. Li (404) 249
- Dijcks, F. see N.J. Stam (413) 489
- Dimov, S.I. see S.S. Stoyanov (409) 151
- Ding, T. see K.L.H. Carpenter (401) 262
- Ding, Z., H. Kawashima, Y. Suzuki, T. Suzuki, P.A. Ward and M. Miyasaka, A sulfatide receptor distinct from L-selectin is involved in lymphocyte activation (418) 310
- Dinischiotu, A., M. Beullens, W. Stalmans and M. Bollen, Identification of sds22 as an inhibitory subunit of protein phosphatase-1 in rat liver nuclei (402) 141
- Dion, N., P. Cohen, P. Crine and G. Boileau, Characterisation of neprilysin (EC 3.4.24.11) S<sub>2</sub>' subsite (411) 140
- DiPolo, R., G. Berberian, D. Delgado, H. Rojas and L. Beaugé, A novel 13 kDa cytoplasmic soluble protein is required for the nucleotide (MgATP) modulation of the Na/Ca exchange in squid nerve fibers (401) 6
- Dirnagl, U. see U. Bruer (414) 117
- Disch, A. see H.K. Lichtenthaler (400) 271
- Dittmar, G.A.G. see M. Dormeyer (414) 449
- Dixelius, J. see M. Jansson (416) 259
- Dixon, G. see M. Fischer (419) 259
- Dizdareglu, M. see S. Sentürker (416) 286
- Djavaheri-Mergny, M. see C. Mazière (409) 351
- Djelloul, S., M.-E. Forgue-Lafitte, B. Hermelin, M. Mareel, E. Bruyneel, A. Baldi, A. Giordano, E. Chastre and C. Gespach, Enterocyte differentiation is compatible with SV40 large T expression and loss of p53 function in human colonic Caco-2 cells. Status of the pRb1 and pRb2 tumor suppressor gene products (406) 234
- Djiane, A. see L. Lipskaia (415) 275
- Doan, D.N.P. see H. Rudi (419) 124
- Dobrąnsky, T. see A. Ménard (413) 477
- Dobritsa, A.A. see A.I. Kalmykova (416) 164
- Dobritzsch, D. see G. Lu (403) 249
- Docherty, A.J.P. see V. Knäuper (405) 60
- Docherty, H.M. see W.M. Macfarlane (413) 304
- Docherty, K. see W.M. Macfarlane (413) 304
- Docherty, K. see M.L. Read (418) 68
- Doenecke, D. see O. Witt (408) 255
- Doerner, A., M. Pauschinger, A. Badorff, M. Noutsias, S. Giessen, K. Schulze, J. Bilger, U. Rauch and H.-P. Schultheiss, Tissue-specific transcription pattern of the adenine nucleotide translocase isoforms in humans (414) 258
- Dohse, B. see J.M. Ortega (401) 153
- Doi, K. see J. Matsuda (418) 200
- Doi, N., M. Itaya, T. Yomo, S. Tokura and H. Yanagawa, Insertion of foreign random sequences of 120 amino acid residues into an active enzyme (402) 177
- Doi, T. see K. Yamamoto (414) 182
- Doiron, B. see M.-H. Cuif (417) 81
- Dolapchiev, L.B. see S.S. Stoyanov (409) 151
- Dolder, M. see E. O'Gorman (414) 253
- Dolenc, I. see F. Zühl (400) 83
- Dolgacheva, L. see G. Bronnikov (407) 73
- Dolgikh, D.A. see Z.Kh. Abdullaev (414) 243
- Dolginov, Y. see Y. Yung (408) 292
- Doliana, R., I. Bellina, F. Bucciotti, M. Mongiat, R. Perris and A. Colombatti, The human  $\alpha 3b$  is a 'full-sized' laminin chain variant with a more widespread tissue expression than the truncated  $\alpha 3a$  (417) 65
- Dolinski, K. see C. Scholz (414) 69
- Domin, J. and M.D. Waterfield, Using structure to define the function of phosphoinositide 3-kinase family members (410) 91
- Domini, P. see P.S. Moore (412) 245
- Domke, T., T. Federau, K. Schlüter, K. Giehl, R. Valenta, D. Schomburg and B.M. Jockusch, Birch pollen profilin: structural organization and interaction with poly-(L-proline) peptides as revealed by NMR (411) 291
- Domogatsky, S. see V. Stepanova (414) 471
- Donald, E. see D.A. Priestman (419) 55
- Dong, R., S. Srai, E. Debnam and M. Smith, Transcriptional and translational control over sodium-glucose-linked transporter (SGLT1) gene expression in adult rat small intestine (406) 79
- Donnelly, D., The arrangement of the transmembrane helices in the secretin receptor family of G-protein-coupled receptors (409) 431
- Doppiero, S. see G. Meyer (404) 11
- Dore, J.-M., E. Gras and J. Wijdenes, Expression and activity of a recombinant chimeric protein composed of pokeweed antiviral protein and of human interleukin-2 (402) 50
- Dormeyer, M., R. Schöneck, G.A.G. Dittmar and R.L. Krauth-Siegel, Cloning, sequencing and expression of ribonucleotide reductase R2 from *Trypanosoma brucei* (414) 449
- Dörner, L.F. see J.A. Hirsch (403) 136
- Dörner, M. see G. Börner (409) 320
- Dörsam, H., P. Rohrbach, T. Kürschner, S. Kipriyanov, S. Renner, M. Braunagel, M. Welschof and M. Little, Antibodies to steroids from a small human naive IgM library (414) 7
- Douce, R. see P. Baldet (419) 206
- Douce, R. see R. Dumas (408) 156
- Dovbysh, E.F. see E.K. Zolotareva (412) 375
- Dow, L.K., A. Changela, H.E. Hefner and M.E.A. Churchill, Oxidation of a critical methionine modulates DNA binding of the *Drosophila melanogaster* high mobility group protein, HMG-D (414) 514
- Dowacs, C. see D.A.E. Cross (406) 211
- Drabkin, A.V., M.S. Trofimova, I.N. Smolenskaya, O.I. Klychnikov, V.V. Chelysheva and A.V. Babakov, Plant cell pH-static circuit mediated by fusicocin-binding proteins (405) 145
- Drake, A.F. see C.J. Smith (405) 378
- Drakenberg, T. see B. Walse (412) 115

- Drew, J.E. see S. Conway (407) 121  
 Dricu, A. see M. Hjertman (416) 235  
 Driessen, A.J.M. see T. den Blaauwen (416) 35  
 Drijfhout, J.W. see B.A. 't Hart (409) 91  
 Drijfhout, J.W. see B. Beekman (418) 305  
 Drummelsmith, J. see A.J. Clarke (414) 359  
 Drummond, R.M. see S. Petrou (411) 339  
 Dry, I.B. see A.M. Takos (405) 1  
 Dubail, I. see M. Monemi (403) 110  
 Dubel, S.J. see M.W. McEnery (420) 74  
 Duborjal, H., A. Dupuis, A. Chapel, S. Kieffer, J. Lunardi and J.-P. Issartel, Immuno-purification of a dimeric subcomplex of the respiratory NAHD-CoQ reductase of *Rhodobacter capsulatus* equivalent to the FP fraction of the mitochondrial complex I (405) 345  
 Ducruix, A. see J.-F. Gaucher (401) 113  
 Dudley, P., C.K. Wood, J.R. Pratt and A.L. Moore, Developmental regulation of the plant mitochondrial matrix located HSP70 chaperone and its role in protein import (417) 321  
 Duez, C. see P. Ledent (413) 194  
 Duff, D.W. see Y. Takei (414) 377  
 Dufourc, E.J. see C. Faure (405) 263  
 Dufy, B. see L. Garcia (400) 113  
 Duhé, R.J. see M.R. Smith (408) 327  
 Duine, J.A. see M. Misset-Smits (409) 221  
 Duk, M. see H. Krotkiewski (406) 296  
 Dukhanin, A.S. see E.A. Dukhanina (410) 403  
 Dukhanina, E.A., A.S. Dukhanin, M.Y. Lomonosov, E.M. Lukanidin and G.P. Georgiev, Spectral studies on the calcium-binding properties of Mts1 protein and its interaction with target protein (410) 403  
 Dulau, L. see M. Bony (410) 452  
 Dulieu, P. see B. Desvoves (410) 303  
 Dulloo, A. see O. Boss (408) 39  
 Dulloo, A. see O. Boss (412) 111  
 Dumas, R., V. Biou and R. Douce, Purification and characterization of a fusion protein of plant acetoxy acid synthase and acetoxy acid isomerase (408) 156  
 Dumaourier, M.-J. see R. Marhaba (405) 163  
 Dumont, J.E. see L. Duprez (409) 469  
 Dunaeva, M. see E. Görschen (419) 58  
 Dunford, R., A. Salinaro, L. Cai, N. Serpone, S. Horikoshi, H. Hidaka and J. Knowland, Chemical oxidation and DNA damage catalysed by inorganic sunscreen ingredients (418) 87  
 Duprat, F. see F. Lesage (402) 28  
 Duprez, L., J. Parma, S. Costagliola, J. Hermans, J. Van Sande, J.E. Dumont and G. Vassart, Constitutive activation of the TSH receptor by spontaneous mutations affecting the N-terminal extracellular domain (409) 469  
 Dupuis, A. see H. Duborjal (405) 345  
 Durán, R. see E. Osinaga (412) 190  
 Duriez, B. see C. Chapelin (412) 325  
 Durkin, M.E., F. Loechel, M.-G. Mattei, B.J. Gilpin, R. Albrechtsen and U.M. Wewer, Tissue-specific expression of the human laminin  $\alpha 5$ -chain, and mapping of the gene to human chromosome 20q13.2-13.3 and to distal mouse chromosome 2 near the locus for the ragged (*Ra*) mutation (411) 296  
 Durrington, P.N. see M.I. Mackness (416) 377  
 Dutrillaux, B. see D. Flagiello (415) 263  
 Dy, M. see S. Corbel (404) 289  
 Dyer, R. see S. Riistama (414) 275  
 Dyson, H. see D. Eliezzer (417) 92  
 Dyson, H. see J. Yao (419) 285  
 Ebina, T., Y. Toya, N. Oka, J. Kawabe, C. Schwencke and Y. Ishikawa, Isoform-dependent activation of adenyl cyclase by proteolysis (401) 223  
 Ebina, T., Y. Toya, N. Oka, J. Kawabe, C. Schwencke and Y. Ishikawa, Erratum to: Isoform-dependent activation of adenyl cyclase by proteolysis (FEBS 18081) [FEBS Letters 401 (1997) 223-226] (411) 393  
 Echeverría, V. see M. Torrejón (404) 91  
 Ecker, C. see C. Karschin (401) 59  
 Eckenhoff, R.G. see D. Kosk-Kosicka (402) 189  
 Eckerskorn, C. see B. Gerhartz (412) 551  
 Eckerskorn, C. see R. Grimm (408) 350  
 Eckerskorn, C. see M. Mittag (411) 245  
 Eckerskorn, C. see C. Randak (410) 180  
 Eckert, H.-J. see S.G. Zech (414) 454  
 Eckhardt, U. see J. Madon (406) 75  
 Edamatsu, H. see T. Nishiyama (408) 33  
 Edderkaoui, B., B. Meunier and A.-M. Colson-Corbisier, Functional mapping reveals the importance of yeast cytochrome *b* C-terminal region in assembly and function of the *b<sub>c</sub>1* complex (404) 51  
 Edeas, M.A., C. Claise, L. Vergnes, Y. Khalfoun, S. Barthelemy, S. Labidalle and A. Lindenbaum, Protective effects of the lipophilic redox conjugate tocopheryl succinyl-ethyl ferulate on HIV replication (418) 15  
 Edelman, M. see T.D. Elich (411) 236  
 Edomi, P. see R. Marzari (411) 27  
 Edsall, L.C. see R.A. Rius (417) 173  
 Edwards, C.B. see A.P. Goldstone (415) 134  
 Edwards, D.R. see K.J. Leco (401) 213  
 Edwards, P., J. Sabo Nelsen, J.G. Metz and K. Dehesh, Cloning of the *fabF* gene in an expression vector and in vitro characterization of recombinant *fabF* and *fabB* encoded enzymes from *Escherichia coli* (402) 62  
 Edwards, R. see M. Skipsey (409) 370  
 Edwards, Y.H. see C. Papapetrou (409) 201  
 Eeckhout, D. see G. De Jaeger (403) 116  
 Efimov, A.V., A structural tree for proteins containing  $\beta$ -corners (407) 37  
 Efimtseva, E.V. see G.P. Moiseyev (404) 169  
 Egarter, C. see M. Knöfler (405) 213  
 Egerer, K. see T. Volk (415) 169  
 Eggert, C., U. Temp and K.-E.L. Eriksson, Laccase is essential for lignin degradation by the white-rot fungus *Pycnoporus cinnabarinus* (407) 89  
 Egidy, G. see P. Korth (417) 365  
 Egle, A. see S. Geley (402) 36  
 Egmond, M.R. see J.J.M. van Groningen (404) 82  
 Egorova, M.V. see V.V. Shaposhnikova (410) 285  
 Ehrhardt, T., S. Zimmermann and B. Müller-Röber, Association of plant  $K^{+}$  channels is mediated by conserved C-termini and does not affect subunit assembly (409) 166  
 Ehrlich, R. see A.A. Komar (415) 6  
 Eichmann, K. see M. Modokell (401) 123  
 Eijssink, V.G.H. see O.R. Veltman (405) 241  
 Einsele, H. see S.L. Kelly (400) 80  
 Eisermann, B. see H. Al-Hasani (400) 65  
 Eisinger, D.P. see F.A. Dick (419) 1  
 Eklund, H. see B. Westerlund (403) 51  
 El Ayeb, M. see S. Cestèle (405) 77  
 El Ayeb, M. see R. Kharrat (406) 284  
 El Mestikawy, S. see C. Sagné (417) 177  
 El Ouahabi, A., M. Thiry, V. Pector, R. Fuks, J.M. Ruyschaert and M. Vandenbranden, The role of endosome destabilizing activity in the gene transfer process mediated by cationic lipids (414) 187  
 El'skaya, A.V. see Z.M. Petrushenko (407) 13  
 Elanskaya, I. see T. Hübschmann (408) 201  
 Elberg, G. see E. Sakal (410) 289  
 El-Daher, S.S. see L.-P. Berg (403) 83  
 Eldursi, N. see H. Vais (413) 327  
 Elferink, D.G. see B.A. 't Hart (409) 91  
 Eliash, T. see X. Fu (416) 167  
 Elich, T.D., M. Edelman and A.K. Mattoo, Evidence for light-dependent and light-independent protein dephosphorylation in chloroplasts (411) 236  
 Eliezer, D., P.A. Jennings, H. Dyson and P.E. Wright, Populating the equilibrium molten globule state of apomyoglobin under conditions suitable for structural characterization by NMR (417) 92

## E

- Eaker, D. see B. Westerlund (403) 51  
 East, A. see D.L. Walshaw (414) 397  
 Eberhardt, N.L. see Y.C. Kudva (416) 117  
 Ebihara, K. see K. Mori (401) 218  
 Ebihara, K. see K. Mori (417) 371

- Eliseikina, I. see J. Unge (411) 53  
 Ellermann-Eriksen, S. see S.R. Paludan (414) 61  
 Ellis, V. see D.M. Brennand (413) 70  
 Elston, T. see B.S. Glick (414) 177  
 Elwing, H. see P. Billsten (402) 67  
 Emanuelli, M. see A. Amici (419) 263  
 Emilsson, V. see Y.-L. Liu (411) 351  
 Emorine, L.J. see R. Capeyrou (415) 200  
 Emorine, L.J. see G. Gaibele (408) 135  
 Enderlin, V., S. Alfos, V. Pallet, H. Garcin, V. Azaïs-Braesco, R. Jaffard and P. Huguieret, Aging decreases the abundance of retinoic acid (RAR) and triiodothyronine (TR) nuclear receptor mRNA in rat brain: effect of the administration of retinoids (412) 629  
 Endert, J.M. see G. Schaart (403) 168  
 Endo, A. see R. Takayasu (418) 58  
 Endo, M. see K. Tanaka (402) 223  
 Endo, N. see S. Yamagami (400) 329  
 Endou, H. see N. Utsunomiya-Tate (416) 312  
 Engelbrecht, S. and W. Junge, ATP synthase: a tentative structural model (414) 485  
 Engh, R.A. see B. Gerhartz (412) 551  
 Engler, G. see H. Stals (418) 229  
 Engström, W. see G. Dell (419) 161  
 Enomoto-Iwamoto, M. see N. Kinto (404) 319  
 Eppens, E.F., N. Saint, P. Van Gelder, R. van Boxtel and J. Tommassen, Role of the constriction loop in the gating of outer membrane porin PhoE of *Escherichia coli* (415) 317  
 Epple, P., K. Apel and H. Bohlmann, ESTs reveal a multigene family for plant defensins in *Arabidopsis thaliana* (400) 168  
 Era, S. see K. Nakamura (417) 375  
 Erba, F. see L. Fiorucci (408) 85  
 Erdmann, V.A. see U. Fuchs (414) 362  
 Erhola, M., S. Toyokuni, K. Okada, T. Tanaka, H. Hiai, H. Ochi, K. Uchida, T. Osawa, M.M. Nieminen, H. Alho and P. Kellokumpu-Lehtinen, Biomarker evidence of DNA oxidation in lung cancer patients: association of urinary 8-hydroxy-2'-deoxyguanosine excretion with radiotherapy, chemotherapy, and response to treatment (409) 287  
 Erickson, J.W. see S.V. Gulnik (413) 379  
 Eriksson, K.-E.L. see C. Eggert (407) 89  
 Eriksson, O., E. Fontaine, V. Petronilli and P. Bernardi, Inhibition of the mitochondrial cyclosporin A-sensitive permeability transition pore by the arginine reagent phenylglyoxal (409) 361  
 Eriksson, P.-O. see M. Monemi (403) 110  
 Erlandsen, H., A. Martinez, P.M. Knappskog, J. Haavik, E. Hough and T. Flatmark, Crystallization and preliminary diffraction analysis of a truncated homodimer of human phenylalanine hydroxylase (406) 171  
 Ermolinsky, B.S. see V.L. Tunitskaya (400) 263  
 Erni, B. see R.M. Gschwind (404) 45  
 Escalante, C.R., J. Yie, D. Thanos and A.K. Aggarwal, Expression, purification, and co-crystallization of IRF-1 bound to the interferon- $\beta$  element PRDI (414) 219  
 Escames, G. see J.J. Garcia (408) 297  
 Eschenburg, S. see M. Perbandt (412) 573  
 Escher, C. see P.M. Bork (402) 85  
 Escribano, J. see J. Ortego (413) 349  
 Escudier, E. see C. Chapelin (412) 325  
 Esipova, N.G. see I.N. Berezovsky (418) 43  
 Esteban, M. see Z. Mělková (403) 273  
 Esteban, N. see C. Murga (409) 24  
 Esterbauer, H. see P.M. Abuja (413) 289  
 Esterbauer, H. see R. Albertini (403) 154  
 Esterbauer, H. see W. Wonisch (405) 11  
 Eto, M., S. Senba, F. Morita and M. Yazawa, Molecular cloning of a novel phosphorylation-dependent inhibitory protein of protein phosphatase-1 (CPI17) in smooth muscle: its specific localization in smooth muscle (410) 356  
 Eto, T. see K. Kuwasako (414) 105  
 Eto, T.-A. see Y. Nakamura (419) 45  
 Etzerodt, M. see B.B. Nielsen (417) 288  
 Eufemi, M. see L. Cervoni (412) 227  
 Evans, M. see T. Hla (414) 419  
 Evans, R.W. see I.C. Boulton (414) 409  
 Evans, R.W. see I.C. Boulton (418) 228  
 Evans, R.W. see B. Gorinsky (413) 364  
 Evans, R.W. see B. Gorinsky (417) 252  
 Evans, R.W. see B. Gorinsky (417) 253

- Evans, R.W. see M. Rafiq (407) 132  
 Everett, S.A. see A. Mortensen (418) 91  
 Evers, R., N.H.P. Cnubben, J. Wijnholds, L. van Deemter, P.J. van Bladeren and P. Borst, Transport of glutathione prostaglandin A conjugates by the multidrug resistance protein 1 (419) 112  
 Evgrafov, O.V. see A.V. Zelenin (414) 319  
 Evstafieva, A.G. see Y.P. Rubtsov (413) 135

## F

- Fabbro, D. see L. Pellizzari (407) 320  
 Fabiano, C. see R. Ientile (417) 345  
 Fabris, C. see A. Cantisani (412) 515  
 Facchini, A. see E. Mariani (406) 83  
 Fahimi, H. see K. Beier (412) 385  
 Fahmy, M. see S.P. Young (411) 93  
 Fahrenkrug, J. see S.M. Knudsen (412) 141  
 Fahrenkrug, J. see B. Wulff (413) 405  
 Fajkus, J. see B. Koukalová (414) 289  
 Famhy, L. see M.T. Carri (414) 365  
 Fan, G.-H. see L. Ma (403) 91  
 Fan, X. see S. Juvvadi (408) 195  
 Fan, X. see C.A. Lunn (400) 333  
 Fan, Y.-X. see J.-M. Zhou (415) 183  
 Fang, X., Y. Kobayashi and J.R. Halpert, Stoichiometry of 7-ethoxycoumarin metabolism by cytochrome P450 2B1 wild-type and five active-site mutants (416) 77  
 Farber, D. see H.K. Lorenzo (411) 231  
 Farkas, T. see F. Olasz (413) 453  
 Farndale, R. see J.M. Gibbins (413) 255  
 Farrar, W.L. see M.R. Smith (408) 327  
 Farrés, J. see A. Allali-Hassani (405) 26  
 Farrés, J. see A. Allali-Hassani (411) 395  
 Farthing, P.M. see S. Kapas (418) 287  
 Faulkner, G. see G. Valle (415) 163  
 Fauq, A. see R.A. Wilcox (402) 241  
 Faure, C., L. Bonakdar and E.J. Dufourc, Determination of DMPC hydration in the  $L_{\alpha}$  and  $L_{\beta}$  phases by  $^2\text{H}$  solid state NMR of  $\text{D}_2\text{O}$  (405) 263  
 Fauvel, J. see F. Gaits (410) 54  
 Faye, I. see S. Daffre (408) 127  
 Federau, T. see T. Domke (411) 291  
 Federici, G. see A.J. Oakley (419) 32  
 Federwisch, M., U. Hassiepen, K. Bender, M.F. Rajewsky and A. Wollmer, Recombinant human  $O^6$ -alkylguanine-DNA alkyltransferase induces conformational change in bound DNA (407) 333  
 Fedoreyeva, L.I. see G.P. Moiseyev (407) 207  
 Feeney, J. see B. Birdsall (402) 157  
 Feeney, J. see P.M. Nieto (405) 16  
 Feeney, J. see P.M. Nieto (418) 228  
 Feig, L.A. see N.W. Freshney (407) 111  
 Feighner, S.D. see A.D. Howard (405) 285  
 Felber, B.K. see Y.P. Rubtsov (413) 135  
 Felenbok, B. see R. Cerdan (408) 235  
 Feng, X. see D.A. Middleton (410) 269  
 Fenouillet, E. see M.-J. Papandreou (406) 191  
 Fentenany, G. see B.M. Degnan (411) 119  
 Feofanov, A. see F. Fleury (411) 215  
 Fernandez, C. see D. Stapleton (409) 452  
 Fernández-Fernández, J.M. see V. Izaguirre (418) 39  
 Fernández-López, J.A. see X. Remesar (402) 9  
 Ferrali, M., C. Signorini, B. Caciotti, L. Sugherini, L. Ciccoli, D. Giachetti and M. Comporti, Protection against oxidative damage of erythrocyte membrane by the flavonoid quercetin and its relation to iron chelating activity (416) 123  
 Ferrández, A., M.A. Prieto, J.L. Garcia and E. Díaz, Molecular characterization of PadA, a phenylacetaldehyde dehydrogenase from *Escherichia coli* (406) 23  
 Ferranti, P., A. Malorni, G. Mamone, N. Sannolo and G. Marino, Characterisation of S-nitrosohaemoglobin by mass spectrometry (400) 19

- Ferrara, N. see P. Abete (412) 79  
 Ferrara, P. see B. Miloux (401) 163  
 Ferrari, D. see I. Majoul (401) 104  
 Ferrari, E., T. Lodi, R.T. Sorbi, R. Tirindelli, A. Cavaggioni and A. Spisni. Expression of a lipocalin in *Pichia pastoris*: secretion, purification and binding activity of a recombinant mouse major urinary protein (401) 73  
 Ferraro, A. see L. Cervoni (417) 227  
 Ferreira, F. see C. Suphioglu (402) 167  
 Ferrer, J.C. see S. Baqué (417) 355  
 Ferrer, J.C., S. Baqué and J.J. Guinovart. Muscle glycogen synthase translocates from the cell nucleus to the cytosol in response to glucose (415) 249  
 Ferreras, J. see F.M. de Benito (413) 85  
 Ferri, A. see M.T. Carri (414) 365  
 Ferry, G., M. Lonchampt, L. Pennel, G. de Nanteuil, E. Canet and G.C. Tucker. Activation of MMP-9 by neutrophil elastase in an in vivo model of acute lung injury (402) 111  
 Fésüs, L. see Z. Szondy (404) 307  
 Feuerbach, D. and J.H.M. Feyen. Expression of the cell-adhesion molecule VCAM-1 by stromal cells is necessary for osteoclastogenesis (402) 21  
 Feussner, I. see K. Feussner (409) 211  
 Feussner, I., H. Kühn and C. Wasternack. Do specific linoleate 13-lipoxygenases initiate  $\beta$ -oxidation? (406) 1  
 Feussner, K., I. Feussner, I. Leopold and C. Wasternack. Isolation of a cDNA coding for a ubiquitin-conjugating enzyme UBC1 of tomato — the first stress-induced UBC of higher plants (409) 211  
 Fevereiro, P.S. see N.S. Melo (415) 186  
 Feyen, J.H.M. see D. Feuerbach (402) 21  
 Feyfant, E. see C. Legros (417) 123  
 Fiaschi, T., R. Marzocchini, G. Rauegi, D. Veggi, P. Chiarugi and G. Ramponi. The 5'-untranslated region of the human muscle acylphosphatase mRNA has an inhibitory effect on protein expression (417) 130  
 Fiege, R. and V.A. Shuvalov. Corrigendum to: Correlated behavior of the EPR signal of cytochrome *b*-559 heme Fe(III) ligated by OH<sup>-</sup> and the multiline signal of the Mn cluster in PS-II membrane fragments (FEBS 17069) [FEBS Letters 387 (1996) 33–35] (403) 112  
 Fiers, W. see R.M.Y. Barge (409) 207  
 Fiers, W. see E. Decoster (416) 183  
 Fiers, W. see M. Van de Craen (403) 61  
 Fiers, W. see D. Wallach (410) 96  
 Fieschi, J. see P. Chames (405) 224  
 Figarella, C. see N. Baeza (416) 364  
 Filippa, N. see C.L. Sable (409) 253  
 Filippova, G.N. see A.V. Alessenko (416) 113  
 Finazzi Agrò, A. see M. Maccarrone (408) 241  
 Finazzi Agrò, A. see M. Maccarrone (410) 470  
 Finazzi Agrò, A. see M. van der Stelt (415) 313  
 Finch, A., P. Holland, J. Cooper, J. Saklatvala and M. Kracht. Selective activation of JNK/SAPK by interleukin-1 in rabbit liver is mediated by MKK7 (418) 144  
 Findlow, I.C. see R.J. Cox (405) 267  
 Fink, M. see F. Lesage (402) 28  
 Finke, J. see I. Körner (406) 31  
 Finkelstein, A.V. see Z.Kh. Abdullaev (414) 243  
 Fiorucci, L., F. Erba, M. Bolognesi, M. Coletta and F. Ascoli. pH dependence of bovine mast cell tryptase catalytic activity and of its inhibition by 4',6-diamidino-2-phenylindole (408) 85  
 Fischer, G. see R. Pollner (405) 31  
 Fischer, G. see T. Tradler (407) 184  
 Fischer, J. see R. Stricker (405) 229  
 Fischer, M. see R. Barak (407) 347  
 Fischer, M., N. Schnell, J. Chattaway, P. Davies, G. Dixon and D. Sanders. The *Saccharomyces cerevisiae* CCH1 gene is involved in calcium influx and mating (419) 259  
 Fischer, P. see A. Leber (411) 211  
 Fischer, R. see G. De Jaeger (403) 116  
 Fischer, W.H. see A. Craig (413) 215  
 Fischmeister, R. see O. Blondel (412) 465  
 Fishburn, C. see B. Skaaning Jensen (420) 191  
 Fishman, D., M. Wolfson, E. Bazarski, S. Segal and B. Rager-Zisman. The effects of measles virus persistent infection on AP-1 transcription factor binding in neuroblastoma cells (410) 191  
 FitzGerald, R.J. see M.M. Mullally (402) 99  
 Fitzner, J.N. see J. Müllberg (401) 235  
 Flagiello, D., A. Gibaud, B. Dutrillaux, M.-F. Poupon and B. Malfroy. Distinct patterns of all-*trans* retinoic acid dependent expression of *HOXB* and *HOXC* homeogenes in human embryonal and small-cell lung carcinoma cell lines (415) 263  
 Flatmark, T. see H. Erlandsen (406) 171  
 Fleck, J. see Y. Parmentier (416) 281  
 Fleischman, D. see D.M. Kramer (417) 275  
 Fles, D.L.A. see J.H. Hooijberg (413) 344  
 Fleury, C. see A. Lanni (418) 171  
 Fleury, F., A. Ianoul, M. Berjot, A. Feofanov, A.J.P. Alix and I. Nabiev. Camptothecin-binding site in human serum albumin and protein transformations induced by drug binding (411) 215  
 Fleury, F., I. Kudelina and I. Nabiev. Interactions of lactone, carboxylate and self-aggregated forms of camptothecin with human and bovine serum albumins (406) 151  
 Fliegel, L. see P. Dibrov (405) 119  
 Flockerzi, V. see A. Marquart (407) 137  
 Flockerzi, V. see S. Philipp (413) 243  
 Flores, C.-L. and C. Gancedo. Expression of PEP carboxylase from *Escherichia coli* complements the phenotypic effects of pyruvate carboxylase mutations in *Saccharomyces cerevisiae* (412) 531  
 Flores, H., X. Soberón, J. Sánchez and A. Bravo. Isolated domain II and III from the *Bacillus thuringiensis* Cry1Ab  $\delta$ -endotoxin binds to lepidopteran midgut membranes (414) 313  
 Floyd, R.A. see T. Tabatabaie (407) 148  
 Flükiger, K. see R.M. Gschwind (404) 45  
 Flury, A. see J.G. Blanco (409) 396  
 Focke, M. see J. Schwender (414) 129  
 Foerstendorf, H., A. Parbel, H. Scheer and F. Siebert. Z.E isomerization of the  $\alpha$ -84 phycoviolobilin chromophore of phycoerythrocyanin from *Mastigocladus laminosus* investigated by Fourier-transform infrared difference spectroscopy (402) 173  
 Foidart, J.M. see E.N. Baramova (405) 157  
 Folkes, L.K. and L.P. Candeias. Interpretation of the reactivity of peroxidase compounds I and II with phenols by the Marcus equation (412) 305  
 Folkesson, R. see L. Nilsson (401) 83  
 Follmann, H. see S. Morell (414) 567  
 Fomenkova, N. see J. Unge (411) 53  
 Fomitcheva, I. see D. Kosk-Kosicka (402) 189  
 Fontaine, E. see O. Eriksson (409) 361  
 Fonzi, E. see P. Ledent (413) 194  
 Ford, D.A. see S.D. Williams (420) 33  
 Ford, S. see D.A. Jans (406) 315  
 Ford, S. see D.A. Jans (410) 368  
 Forest, E. see I. Michaud-Soret (413) 473  
 Forge-Lafitte, M.-E. see S. Djelloul (406) 234  
 Forssmann, U., M.B. Delgado, M. Uguccioni, P. Loetscher, G. Garotta and M. Baggiolini. CK $\beta$ 8, a novel CC chemokine that predominantly acts on monocytes (408) 211  
 Forssmann, W.-G. see D. Hock (400) 221  
 Forssmann, W.-G. see L. Ständer (402) 129  
 Förstermann, U. see I. Gath (410) 319  
 Forsyth, S.E., A. Hoger and J.H. Hoger. Molecular cloning and expression of a bovine endothelial inward rectifier potassium channel (409) 277  
 Forte, A. see L. Fucci (407) 101  
 Foster, K. see K.E. Wells (407) 164  
 Foster, R.G. see B.G. Soni (406) 279  
 Foundling, S. see L. Hong (420) 11  
 Fourcade, O. see F. Gaits (410) 54  
 Fourcroy, P. see G. Vansuyt (410) 195  
 Fournier, D. see G. Bocquené (407) 261  
 Foury, F. and O. Cazzalini. Deletion of the yeast homologue of the human gene associated with Friedreich's ataxia elicits iron accumulation in mitochondria (411) 373  
 Foutz, T. see J.S. Kenny (414) 343  
 Fox, M.T., P. Harriott, B. Walker and S.R. Stone. Identification of potential activators of proteinase-activated receptor-2 (417) 267  
 Fraaije, M.W., A. Mattevi and W.J.H. van Berkel. Mercuration of vanillyl-alcohol oxidase from *Penicillium simplicissimum* generates inactive dimers (402) 33  
 Franceschi, C. see D. Monti (409) 365  
 Franceschi, C. see S. Salvio (411) 77  
 Franchi, A.M. see M.B. Herrero (411) 39  
 Francis, G.L. see L.G. Laajoki (420) 97  
 Frangione, B. see J. Ghiso (408) 105  
 Frank, G. see S. Strobl (409) 109

- Frank, K. see Th. Wex (412) 53
- Franke, B. see J.L. Bos (410) 59
- Franzén, B. see A.-C. Bergman (417) 17
- Fraser, P.E. see M. Okochi (418) 162
- Fraser, S.P., Hyaluronan activates calcium-dependent chloride currents in *Xenopus* oocytes (404) 56
- Freeman, G.L. see B. Chandrasekar (401) 30
- Freestone, P.P.E. see P.J. Morgan (412) 563
- Frenkiel, T.A. see P.M. Nieto (405) 16
- Frenkiel, T.A. see P.M. Nieto (418) 228
- Frère, J.-M. see P. Ledent (413) 194
- Frère, J.-M. see B. Quinting (406) 275
- Freshney, N.W., S.D. Goonesekera and L.A. Feig, Activation of the exchange factor Ras-GRF by calcium requires an intact Dbl homology domain (407) 111
- Freskgård, P.-O. see P. Billsten (402) 67
- Fresneau, C. see M. Zinovieva (416) 179
- Fresno, M. see P. Bonay (416) 276
- Freund, C., P. Gehrig, T.A. Holak and A. Plückthun, Comparison of the amide proton exchange behavior of the rapidly formed folding intermediate and the native state of an antibody scFv fragment (407) 42
- Frey, B.M. see A.G.F. Bernasconi (419) 103
- Frey, F.J. see A.G.F. Bernasconi (419) 103
- Freyermuth, S. see M.-M. Krady (412) 420
- Frey-Fressart, V. see C. Mazière (409) 351
- Fricker, L.D. see S. Juvvadi (408) 195
- Friedler, A. see Y.C. Broder (412) 535
- Friedman, N. see X. Fu (416) 167
- Friguet, B. and L.I. Szewda, Inhibition of the multicatalytic proteinase (proteasome) by 4-hydroxy-2-nonenal cross-linked protein (405) 21
- Friis, R. see V. Wolf (417) 385
- Friis-Hansen, L. see K.A. Lacourse (416) 45
- Fritz, H. see B. Gerhartz (412) 551
- Fröhlich, L. see D.E. Jenne (408) 187
- Frolov, M.V. see V.E. Alatorstev (413) 197
- Fromentau, M. see R. Tommasini (411) 206
- Frömmel, C. see R. Preißner (414) 425
- Frost, G.I. see T.B. Csöka (417) 307
- Froyen, G. see N. Zhou (414) 562
- Frutiger, S. see D.F. Hochstrasser (416) 161
- Frutiger, S. see G.J. Hughes (410) 443
- Frutos, R. see C. Rang (412) 587
- Fu, X., S. Bressler, M. Ottolenghi, T. Eliash, N. Friedman and M. Sheves, Titration kinetics of Asp-85 in bacteriorhodopsin: exclusion of the retinal pocket as the color-controlling cation binding site (416) 167
- Fucci, L., A. Forte, P. Mancini, A. Affaitati, M. Branno, F. Aniello and G. Geraci, The S//A.IG amino acid motif is present in a replication dependent late H3 histone variant of *P. lividus* sea urchin (407) 101
- Fuchs, S. see S. Germain (407) 177
- Fuchs, S. see B. Skaaning Jensen (420) 191
- Fuchs, U., W. Stiege and V.A. Erdmann, Ribonucleolytic activities in the *Escherichia coli* in vitro translation system and in its separate components (414) 362
- Fujihira, E. see T. Hirata (412) 337
- Fujihira, E., T. Kimura and A. Yamaguchi, Roles of acidic residues in the hydrophilic loop regions of metal-tetracycline/H<sup>+</sup> antiporter Tet(K) of *Staphylococcus aureus* (419) 211
- Fujii, I., Y. Nagahara, M. Yamasaki, Y. Yokoo, S. Itoh and N. Hirayama, Structure of KW-2228, a tailored human granulocyte colony-stimulating factor with enhanced biological activity and stability (410) 131
- Fujii, N. see Y.-K. Liu (420) 112
- Fujii, S. see H. Iwahashi (416) 1
- Fujimori, K., S. Ananart, Y. Nakagawa, S. Sugioka, D. Ohta, Y. Oshima, Y. Yamada and S. Harashima, Isolation and characterization of mutations affecting expression of the  $\Delta 9$ -fatty acid desaturase gene, *OLE1*, in *Saccharomyces cerevisiae* (413) 226
- Fujimoto, T. see R. Nomura (415) 139
- Fujisawa, K. see T. Ishizaki (404) 118
- Fujisawa, T., H. Kuwahara, Y. Hiromasa, T. Niidome, H. Aoyagi and T. Hatakeyama, Small-angle X-ray scattering study on CEL-III, a hemolytic lectin from Holothuroidea *Cucumaria echinata*, and its oligomer induced by the binding of specific carbohydrate (414) 79
- Fujisawa, Y. see A. Fujishima (407) 47
- Fujishima, A., Y. Imai, T. Nomura, Y. Fujisawa, Y. Yamamoto and T. Sugawara, The crystal structure of human cathepsin L complexed with E-64 (407) 47
- Fujita, T. see K. Ando (413) 462
- Fujita, T. see U. Giambarella (412) 97
- Fujita, T. see H. Minakata (410) 437
- Fujita, T. see Y. Toyoda (415) 281
- Fujiwara, K. see M. Masuda (408) 331
- Fujiwara, T. see S. Ushiro (418) 341
- Fukami, Y. see K. Sato (410) 136
- Fukamizo, T. see Y. Honda (411) 346
- Fukamizu, A. see K. Yanai (412) 285
- Fuks, R. see A. El Ouahabi (414) 187
- Fukuda, H., N. Iritani and T. Noguchi, Transcriptional regulatory regions for expression of the rat fatty acid synthase (406) 243
- Fukuda, K., T. Shoda, H. Morikawa, S. Kato and K. Mori, Activation of mitogen-activated protein kinase by the nociceptin receptor expressed in Chinese hamster ovary cells (412) 290
- Fukudome, S., Y. Jinsmaa, T. Matsukawa, R. Sasaki and M. Yoshikawa, Release of opioid peptides, gluten exorphins by the action of pancreatic elastase (412) 475
- Fukuhara, K. see H. Sumikawa (404) 234
- Fukuhara, K. see H. Sumikawa (411) 395
- Fukunaga, Y. see J. Matsuda (418) 200
- Fukushima, Y., T. Asano, T. Saitoh, M. Anai, M. Funaki, T. Ogihara, H. Katagiri, N. Matsubashi, Y. Yazaki and K. Sugano, Oligomer formation of histamine H2 receptors expressed in Sf9 and COS7 cells (409) 283
- Fukuwatari, T., T. Kawada, M. Tsuruta, T. Hiraoka, T. Iwanaga, E. Sugimoto and T. Fushiki, Expression of the putative membrane fatty acid transporter (FAT) in taste buds of the circumvallate papillae in rats (414) 461
- Fukuyama, K. see H. Itakura (412) 107
- Fukuzawa, A. see Y. Takei (414) 377
- Fulcher, S.R. see D.P. Nickerson (405) 153
- Füllekrug, J., B. Sönnichsen, U. Schäfer, P. Nguyen Van, H.-D. Söling and G. Mieskes, Characterization of brefeldin A induced vesicular structures containing cycling proteins of the intermediate compartment/cis-Golgi network (404) 75
- Funahashi, M. see K. Tanaka (402) 223
- Funai, T. see T. Oda (418) 265
- Funaki, M. see Y. Fukushima (409) 283
- Funaki, N. see T. Kaido (411) 378
- Funatsu, A. see Y. Kamikubo (407) 116
- Funatsu, T. see A.H. Iwane (407) 235
- Fürst, D. see T. Giebing (417) 191
- Fürstenberger, G. see A. Kinzig (402) 162
- Furukawa, T., S. Horikawa, T. Terai, T. Ogura, Y. Katayama and M. Hiraoka, Corrigendum to: Molecular cloning and characterization of a novel truncated form (CIC-2B) of CIC-2 $\alpha$  (CIC-2G) in rabbit heart (FEBS 16249) [FEBS Letters 375 (1995) 56–62] (403) 111
- Furukawa, Y. see N. Kubo (409) 177
- Furukawa, Y. see M. Nakamura (400) 350
- Furuta, R.A., R. Shimano, T. Ogasawara, R. Inubushi, K. Amano, H. Akari, M. Hatanaka, M. Kawamura and A. Adachi, HIV-1 capsid mutants inhibit the replication of wild-type virus at both early and late infection phases (415) 231
- Fury, M.G. and J. Andersen, In vitro interaction of U2 snRNA with cytoplasmic 6S protein complexes (404) 70
- Fusco, S. see M. Porcelli (402) 102
- Fushiki, T. see T. Fukuwatari (414) 461
- Futai, M. see R. Nakagawa (408) 301
- Futai, M. see K. Tomochika (404) 61
- Futai, M. see T. Yoshida (414) 333

## G

- Gabai, V.L. see I.A. Zamulaeva (413) 231
- Gabbianelli, R. see M.T. Carri (414) 365
- Gäbler, R. see J. Piel (416) 143

- Gabrielian, A., K. Vlahovicek and S. Pongor, Distribution of sequence-dependent curvature in genomic DNA sequences (406) 69
- Gachet, C. see C. Léon (403) 26
- Gadaleta, M.N. see A.M.S. Lezza (418) 167
- Gadhavi, P.L., An electrospray ionisation mass spectrometry (ESI-MS) study to probe the metal ion binding site in the DNA binding domain of the yeast transcriptional activator GAL4 (417) 145
- Gadjev, N.I. see I.I. Timcheva (405) 141
- Gaetani, P., F. Tartara, F. Tancioni, R. Rodriguez y Baena, E. Casari, M. Alfano and V. Grazioli, Deficiency of total collagen content and of deoxypyridinoline in intracranial aneurysm walls (404) 303
- Gaibillet, G., R. Caeprou, G. Dietrich and L.J. Emorine, Identification in the  $\mu$ -opioid receptor of cysteine residues responsible for inactivation of ligand binding by thiol alkylating and reducing agents (408) 135
- Gaigé, B. see F. Gaits (410) 54
- Gaillard, C. see D. Liger (406) 157
- Gaisano, H.Y., L. Sheu, P.P.C. Wong, A. Klip and W.S. Trimble, SNAP-23 is located in the basolateral plasma membrane of rat pancreatic acinar cells (414) 298
- Gaits, F., O. Fourcade, F. Le Balle, G. Gueguen, B. Gaigé, A. Gassama-Diagne, J. Fauvel, J.-P. Salles, G. Mauco, M.-F. Simon and H. Chap, Lysophosphatidic acid as a phospholipid mediator: pathways of synthesis (410) 54
- Galatis, D. see S.S. Mok (415) 303
- Galeotti, T. see M.E. De Leo (403) 131
- Galitovskaya, E. see G. Bronnikov (407) 73
- Galleni, M. see B. Quinting (406) 275
- Galler, S., K. Hilber, B. Gohlsch and D. Pette, Two functionally distinct myosin heavy chain isoforms in slow skeletal muscle fibres (410) 150
- Galli, I. see A.G.F. Bernasconi (419) 103
- Gallina, C. see M. Cirilli (418) 319
- Gallwitz, D. see M. Götte (411) 48
- Gallwitz, D. see R. Grabowski (411) 169
- Galve-Roperh, I., A. Haro and I. Díaz-Laviada, Ceramide-induced translocation of protein kinase C  $\zeta$  in primary cultures of astrocytes (415) 271
- Gambale, F. see A. Carpaneto (412) 236
- Gambert, P. see G. Lizard (419) 276
- Gambetti, P. see C. Russo (409) 411
- Gamen, S., A. Anel, P. Laserra, M.A. Alava, M.J. Martinez-Lorenzo, A. Piñeiro and J. Naval, Doxorubicin-induced apoptosis in human T-cell leukemia is mediated by caspase-3 activation in a Fas-independent way (417) 360
- Gancedo, C. see C.-L. Flores (412) 531
- Gancedo, C. see M.J. Lafuente (420) 39
- Gangeswaran, R. and K.T. Jones, Unique protein kinase C profile in mouse oocytes: lack of calcium-dependent conventional isoforms suggested by rtPCR and Western blotting (412) 309
- Gansauge, F. see S. Gansauge (404) 6
- Gansauge, F. see S. Gansauge (410) 160
- Gansauge, S., F. Gansauge, A.K. Nussler, B. Rau, B. Poch, M.H. Schoenberg and H.G. Beger, Exogenous, but not endogenous, nitric oxide increases proliferation rates in senescent human fibroblasts (410) 160
- Gansauge, S., F. Gansauge, H. Gause, B. Poch, M.H. Schoenberg and H.G. Beger, The induction of apoptosis in proliferating human fibroblasts by oxygen radicals is associated with a p53- and p21<sup>WAF1/CIP1</sup> induction (404) 6
- Gao, L., A. Tripathy, X. Lu and G. Meissner, Evidence for a role of C-terminal amino acid residues in skeletal muscle Ca<sup>2+</sup> release channel (ryanodine receptor) function (412) 223
- Garber, M. see J. Unge (411) 53
- Garber, M.B. see N.L. Davydova (415) 155
- Garbers, A. see J. Kurreck (403) 283
- Garbers, D.L. see B.J. Wedel (410) 29
- García, A. see S. Goruppi (415) 59
- García, J.J., R.J. Reiter, J.M. Guerrero, G. Escames, B.P. Yu, C.S. Oh and A. Muñoz-Hoyos, Melatonin prevents changes in microsomal membrane fluidity during induced lipid peroxidation (408) 297
- García, J.L. see A. Ferrández (406) 23
- García, J.L. see F.J. Medrano (400) 91
- García, J.L. see M.A. Prieto (414) 293
- García, L., M. Rigoulet, D. Georgescauld, B. Dufy and P. Sartor, Regulation of intracellular chloride concentration in rat lactotrophs: possible role of mitochondria (400) 113
- García, R.L. see A.S. Chang (415) 335
- García-Fuentes, L. see R. Téllez-Sanz (409) 385
- García-Gila, M., C. Cabañas and A. García-Pardo, Analysis of the activation state of  $\alpha 4 \beta 1$  integrin in human B cell lines derived from myeloma, leukemia or lymphoma (418) 337
- García-Maya, M.M. and K.W. Buck, Isolation and characterization of replication protein A (RP-A) from tobacco cells (413) 181
- García-Olmedo, F. see J.M.M. Caaveiro (410) 338
- García-Pardo, A. see M. García-Gila (418) 337
- García-Sáez, I. see D. Reverter (420) 7
- Garcin, H. see V. Enderlin (412) 629
- Gardès-Albert, M. see D. Bonnefont-Rousselot (403) 70
- Gardeström, P. see A.U. Igamberdiev (412) 265
- Gargano, N. and A. Cattaneo, Rescue of a neutralizing anti-viral antibody fragment from an intracellular polyclonal repertoire expressed in mammalian cells (414) 537
- Gargaro, A.R. see P.M. Nieto (405) 16
- Gargaro, A.R. see P.M. Nieto (418) 228
- Gargiulo, L. see R. Catalán (400) 280
- Garka, K.E. see T.P. Bonnert (402) 81
- Garland, J. see F. Kilic (414) 65
- Garlid, K.D. see P. Ježek (408) 161
- Garlid, K.D. see P. Ježek (408) 166
- Garotta, G. see U. Forssmann (408) 211
- Garre, C. see P. Ghiorzo (418) 215
- Garrett, R.A. see S. Kirillov (406) 223
- Garritsen, A. see N.J. Stam (413) 489
- Gärtner, W. see C. Kneip (414) 23
- Gasnier, B. see C. Sagné (417) 177
- Gassama-Diagne, A. see F. Gaits (410) 54
- Gasset, M. see L. Magdaleno (420) 179
- Gast, K., D. Zirwer, H. Damaschun, U. Hahn, M. Müller-Frohne, M. Wirth and G. Damaschun, Ribonuclease T1 has different dimensions in the thermally and chemically denatured states: a dynamic light scattering study (403) 245
- Gastaldi, M. see J.-P. Grillasca (401) 38
- Gastineau, M. see O. Blondel (412) 465
- Gateau-Roesch, O. see C. Simonot (401) 158
- Gath, I., U. Gödtel-Armbrust and U. Förstermann, Expressional downregulation of neuronal-type NO synthase I in guinea pig skeletal muscle in response to bacterial lipopolysaccharide (410) 319
- Gatsios, P. see F. Schaper (405) 99
- Gatta, F. see M. Pomponi (409) 155
- Gatti, E. see W. Guo (404) 135
- Gatti, S. see S. Toma (408) 5
- Gaucher, J.-F., M. Riès-Kautt, F. Reiss-Husson and A. Ducruix, Solubility diagram of the *Rhodobactersphaeroides* reaction center as a function of PEG concentration (401) 113
- Gaudry, M. see M. Maillet (413) 1
- Gauldie, J. see V. Thibault (408) 182
- Gause, H. see S. Gansauge (404) 6
- Gausling, K. see L. Krusell (408) 25
- Gaussin, V., P. Skarlas, Y.P. Ching, D. Hardie and L. Hue, Distinct type-2A protein phosphatases activate HMGC0A reductase and acetyl-CoA carboxylase in liver (413) 115
- Gavuzzo, E. see M. Cirilli (418) 319
- Gay, N.J. see L.C. Packman (400) 45
- Gay, N.J. see M.F. Symmons (412) 397
- Gay, R.D., S.J. Dawson and D.S. Latchman, The different inhibitory domains of the Oct-2 transcription factor have distinct functional activities (416) 135
- Gaymes, T.J., M. Cebrat, I.Z. Siemion and J.E. Kay, Cyclolinopeptide A (CLA) mediates its immunosuppressive activity through cyclophilin-dependent calcineurin inactivation (418) 224
- Gebauer, M., M. Zeiner and U. Gehring, Proteins interacting with the molecular chaperone hsp70/hsc70: physical associations and effects on refolding activity (417) 109
- Gebre-Medhin, G., E.S. Husebye, J. Gustafsson, O. Winqvist, A. Goksøyr, F. Rorsman and O. Kämpe, Cytochrome P450IA2 and aromatic L-amino acid decarboxylase are hepatic autoantigens in autoimmune polyendocrine syndrome type I (412) 439
- Gedikoglu, G. see S. Sentürk (416) 286
- Gehrig, P. see C. Freund (407) 42
- Gehring, U. see M. Gebauer (417) 109

- Gehrke, C. see R. Kinscherf (405) 55
- Geider, K. see P. Bugert (400) 252
- Geilen, C.C. see T. Wiedert (411) 260
- Geissler, H. see J. Monnat (418) 357
- Geley, S., B.L. Hartmann and R. Kofler, Ceramides induce a form of apoptosis in human acute lymphoblastic leukemia cells that is inhibited by Bcl-2, but not by CrmA (400) 15
- Geley, S., B.L. Hartmann, K. Kapelari, A. Egle, A. Villunger, D. Heidacher, R. Greil, B. Auer and R. Kofler, The interleukin  $\beta$ -converting enzyme inhibitor *CrmA* prevents Apol/Fas- but not glucocorticoid-induced poly(ADP-ribose) polymerase cleavage and apoptosis in lymphoblastic leukemia cells (402) 36
- Gemmecker, G. see R.M. Gschwind (404) 45
- Gemsa, D. see E. Malle (419) 215
- Gendeh, G.S., M.C.M. Chung and K. Jeyaseelan, Genomic structure of a potassium channel toxin from *Heteractis magnifica* (418) 183
- Genecque, E. see E. Danty (414) 595
- Gennarelli, M. see M. Lucarelli (401) 53
- Genov, N. see M. Perbandt (412) 573
- Genova, M.L., C. Bovina, M. Marchetti, F. Pallotti, C. Tietz, G. Biagini, A. Pugnali, C. Viticchi, A. Gorini, R.F. Villa and G. Lenaz, Decrease of rotenone inhibition is a sensitive parameter of complex I damage in brain non-synaptic mitochondria of aged rats (410) 467
- Genschel, J. see G. Webster (411) 313
- Genschel, J. see G. Webster (415) 351
- Genschel, J. see G. Webster (416) 387
- Genschik, P. see Y. Parmentier (416) 281
- Gentilini, P. see F. Marra (414) 221
- Genti-Raimondi, S. see J.G. Blanco (409) 396
- Gentzel, M. see J.J. Calvete (407) 201
- Geny, C. see A. Ménard (413) 477
- Georgatos, S.D. see F. Gounari (413) 371
- George Jr., A.L. see M. Chahine (412) 621
- George, A. see P. Cutler (412) 341
- Georgescauld, D. see L. Garcia (400) 113
- Georgiev, G.P. see E.A. Dukhanina (410) 403
- Geraci, G. see R. del Gaudio (417) 48
- Geraci, G. see L. Fucci (407) 101
- Gerardi, P. see A.M.S. Lezza (418) 167
- Gerats, T. see G. De Jaeger (403) 116
- Gerhartz, B., R.A. Engh, R. Mentele, C. Eckerskorn, R. Torquato, J. Wittmann, H.J. Kolb, W. Machleidt, H. Fritz and E.A. Auerswald, Quail cystatin: Isolation and characterisation of a new member of the cystatin family and its hypothetical interaction with cathepsin B (412) 551
- Gerin, I. see J.-F. Collet (408) 281
- Gerin, I., M. Veiga-da-Cunha, Y. Achouri, J.-F. Collet and E. Van Schaftingen, Sequence of a putative glucose 6-phosphate translocase, mutated in glycogen storage disease type Ib (419) 235
- Gerke, V. see J. Seemann (413) 185
- Gerloff, T. see J. Madon (406) 75
- Germain, S., J. Philippe, S. Fuchs, A. Lengronne, P. Corvol and F. Pinet, Regulation of human renin secretion and gene transcription in Calu-6 cells (407) 177
- Germain, V. see H.K. Lorenzo (411) 231
- Gerotto, M. see E. Buratti (411) 275
- Gerstmayer, B., U. Pessara and W. Wels, Construction and expression in the yeast *Pichia pastoris* of functionally active soluble forms of the human costimulatory molecules B7-1 and B7-2 and the B7 counter-receptor CTLA-4 (407) 63
- Gertler, A. see E. Sakal (410) 289
- Gervasoni, P. and A. Plückthun, Folding intermediates of  $\beta$ -lactamase recognized by GroEL (401) 138
- Gespach, C. see S. Djelloul (406) 234
- Gessner, A. see R. Mischke (414) 226
- Gettemans, J. see V. De Corte (401) 191
- Ghaffourifar, P. and C. Richter, Nitric oxide synthase activity in mitochondria (418) 291
- Ghanotakis, D. see M. Haumann (410) 243
- Ghatei, M.A. see A.P. Goldstone (415) 134
- Ghebrehwet, B. see N.J. Lynch (418) 111
- Ghiggeri, G. see A. Di Donato (419) 63
- Ghiorzo, P., M. Musso, M. Mantelli, C. Garré, R. Ravazzolo and G. Bianchi-Scarrà, c-Rel and p65 subunits bind to an upstream NF- $\kappa$ B site in human granulocyte macrophage-colony stimulating factor promoter involved in phorbol ester response in 5637 cells (418) 215
- Ghiso, J., M. Calero, E. Matsubara, S. Governale, J. Chuba, R. Beavis, T. Wisniewski and B. Frangione, Alzheimer's soluble amyloid  $\beta$  is a normal component of human urine (408) 105
- Ghosh, S.K. see P. Ray (409) 79
- Giachetti, D. see M. Ferrali (416) 123
- Giacobino, J.-P. see O. Boss (408) 39
- Giacobino, J.-P. see O. Boss (412) 111
- Giacometti, G.M. see C. Poggese (414) 585
- Giambarella, U. see K. Komatsuzaki (406) 165
- Giambarella, U., Y. Murayama, T. Ikezu, T. Fujita and I. Nishimoto, Potential CRE suppression by familial Alzheimer's mutants of APP independent of adenylyl cyclase regulation (412) 97
- Giampuzzi, M. see A. Di Donato (419) 63
- Gibaud, A. see D. Flagiello (415) 263
- Gibbins, J.M., M. Okuma, R. Farndale, M. Barnes and S.P. Watson, Glycoprotein VI is the collagen receptor in platelets which underlies tyrosine phosphorylation of the Fc receptor  $\gamma$ -chain (413) 255
- Gicquel, B. see B. Quinting (406) 275
- Giebing, T., W.M.J. Obermann, D. Fürst and J. D'Haese, C-terminally deleted fragments of 40-kDa earthworm actin modulator still show gelsolin activities (417) 191
- Giehl, K. see T. Domke (411) 291
- Gielen, J. see N. Terryn (416) 156
- Giessauf, A. see R. Albertini (403) 154
- Giessen, S. see A. Doerner (414) 258
- Gil, R.R. see J.G. Blanco (409) 396
- Gilbert, R.J.C. see P.J. Morgan (412) 563
- Giles, W.R. see S. Ohya (420) 47
- Gillet, D. see D. Liger (406) 157
- Gilon, C. see Y.C. Broder (412) 535
- Gilpin, B.J. see M.E. Durkin (411) 296
- Gils, A., J. Lu, K. Aertgeerts, I. Knockaert and P.J. Declercq, Identification of positively charged residues contributing to the stability of plasminogen activator inhibitor 1 (415) 192
- Giltay, R., G. Kostka and R. Timpl, Sequence and expression of a novel member (LTBP-4) of the family of latent transforming growth factor- $\beta$  binding proteins (411) 164
- Gimeno, M.A.F. see M.B. Herrero (411) 39
- Gimona, M. see X.H.T. Wehrens (405) 315
- Gingras, Y. see A. Bograh (402) 41
- Giordano, A. see S. Djelloul (406) 234
- Giordano, C. see M. Cirilli (418) 319
- Girbés, T. see F.M. de Benito (413) 85
- Giros, B. see C. Sagné (417) 177
- Giuffra, E. see P. Pesaresi (402) 151
- Giuffrida, M.G. see A. Cantisani (412) 515
- Giunta, C. see F. Briganti (416) 61
- Giussani, P. see P. Viani (408) 131
- Gizatullin, R.Z. see V.I. Kashuba (419) 181
- Gjernes, E. see G. Skretting (404) 105
- Glab, N. see L. De Veylder (412) 446
- Gladyshev, D.P. see N.I. Larionova (404) 245
- Gladysheva, I.P. see N.I. Larionova (404) 245
- Glaser, T., K. Rothbarth, H. Stammer, T. Kempf, E. Spiess and D. Werner, A multifunctional protein: involvement of the  $\alpha$ -1 serum protease inhibitor in SDS and high salt-stable DNA-protein complexes (413) 50
- Glerum, D. and A. Tzagoloff, Submitochondrial distributions and stabilities of subunits 4, 5, and 6 of yeast cytochrome oxidase in assembly defective mutants (412) 410
- Glick, B.S., T. Elston and G. Oster, A cisternal maturation mechanism can explain the asymmetry of the Golgi stack (414) 177
- Glockshuber, R. see S. Hornemann (413) 277
- Glockshuber, R. see R. Riek (413) 282
- Glockshuber, R. see R. Rossmann (406) 249
- Glockshuber, R. see S. Strobl (409) 109
- Gloor, S.M., Relevance of Na,K-ATPase to local extracellular potassium homeostasis and modulation of synaptic transmission (412) 1
- Glowatzki, E. see U. Brändle (404) 294
- Gmeiner, B. see S. Kapiotis (409) 223
- Gmeiner, W.H. see W. Zhang (406) 131
- Gnau, V. see J. Volkmer (406) 291
- Gö, M. see K. Takahashi (405) 47
- Godard, A. see B. Lebeau (407) 141
- Gödtel-Armbrust, U. see I. Gath (410) 319
- Goede, A. see R. Preißner (414) 425
- Goedert, M. see S. Lawler (414) 153

- Goedert, M., M. Hasegawa, R. Jakes, S. Lawler, A. Cuenda and P. Cohen, Phosphorylation of microtubule-associated protein tau by stress-activated protein kinases (409) 57
- Goetze, S. see X.-P. Xi (417) 283
- Goetzl, E.J. see S. An (417) 279
- Goffeau, A. see P. Catty (409) 325
- Goglia, F. see A. Lanni (418) 171
- Gohlsch, B. see S. Galler (410) 150
- Goin, J.C. see M.B. Herrero (411) 39
- Gokce, I., G. Bainbridge and J.H. Lakey, Stabilising and destabilising modifications of cysteines in the *E. coli* outer membrane porin protein OmpC (411) 201
- Goksøyr, A. see G. Gebre-Medhin (412) 439
- Golbeck, J.H. see K.N. Gourovskaya (414) 193
- Golbik, R. see F. Zühl (418) 189
- Golding, S. see S.P. Young (411) 93
- Goldstone, A.P., J.G. Mercer, I. Gunn, K.M. Moar, C.B. Edwards, M. Rossi, J.K. Howard, S. Rasheed, M.D. Turton, C. Small, M.M. Heath, D. O'Shea, J. Steere, K. Meeran, M.A. Ghatei, N. Hoggard and S.R. Bloom, Leptin interacts with glucagon-like peptide-1 neurons to reduce food intake and body weight in rodents (415) 134
- Goloubinoff, P., S. Diamant, C. Weiss and A. Azem, GroES binding regulates GroEL chaperonin activity under heat shock (407) 215
- Golovleva, L. see A. Leontievsky (413) 446
- Golovleva, L.A. see V.M. Travkin (407) 69
- Golubeva, T.S., V.M. Paromov, A.R. Tuguz, O.Yu. Chertov and M.V. Kiselevsky, Cytotoxic protein from human platelets (405) 312
- Gomer, R.H. see D.T. Brazill (404) 100
- Gomez, G.A. see O. Tanabe (408) 52
- Gómez-Lagunas, F., T. Olamendi-Portugal and L.D. Possani, Block of *Shaker* B K<sup>+</sup> channels by P11, a novel class of scorpion toxin (400) 197
- Gómez-Lechón, M.J. see F. Schaper (405) 99
- Gómez-Márquez, J. see F. Boán (418) 251
- Gomez-Ortiz, M., F.X. Gomis-Rüth, R. Huber and F.X. Avilés, Inhibition of carboxypeptidase A by excess zinc: analysis of the structural determinants by X-ray crystallography (400) 336
- Gomis-Rüth, F.X. see M. Cirilli (418) 319
- Gomis-Rüth, F.X. see M. Gomez-Ortiz (400) 336
- Gomis-Rüth, F.X. see F.J. Medrano (400) 91
- Gomis-Rüth, F.-X. see S. Strobl (409) 109
- Gommers, F.J. see A. Schouten (415) 235
- Gonchar, M.V. see M.G. Sergeeva (418) 235
- Goncharova, E. see V. Stepanova (414) 471
- Gonen, H., D. Shkedy, S. Barnoy, N.S. Kosower and A. Ciechanover, On the involvement of calpains in the degradation of the tumor suppressor protein p53 (406) 17
- Goñi, F.M. see G. Basáñez (411) 281
- Goñi, F.M. see J.M.M. Caaveiro (410) 338
- Gontas, S.L. see D.J. Webb (410) 249
- Gonoï, T. see N. Inagaki (409) 232
- González, A.I. see F. Boán (418) 251
- González-Crespo, S. see M. Pérez-Riba (402) 273
- González-Duarte, R. see N. Cols (413) 191
- González-García, C. see V. Izaguirre (418) 39
- González-Mañas, J.M. see J.M.M. Caaveiro (410) 338
- González-Pacanowska, D. see R. Téllez-Sanz (409) 385
- Goode, N. see C. Keenan (415) 101
- Goonsekera, S.D. see N.W. Freshney (407) 111
- Goossens, M. see C. Chapelin (412) 325
- Goping, I.S. see E. Schleiff (404) 314
- Gupta, O.A., D.A. Bloch, D.A. Cherepanov and A.Y. Mulkidjanian, Temperature dependence of the electrogenic reaction in the Q<sub>B</sub> site of the *Rhodospirillum rubrum* photosynthetic reaction center: the Q<sub>A</sub><sup>-</sup>Q<sub>B</sub> → Q<sub>A</sub>Q<sub>B</sub><sup>-</sup> transition (412) 490
- Gorgas, K. see T.-P. Thai (420) 205
- Gorini, A. see M.L. Genova (410) 467
- Gorini, B. see M. Cirilli (418) 319
- Gorinsky, B. and R.W. Evans, Identification of potential ferric binding residues in the iron-binding protein of pathogenic *Neisseria meningitidis* through structure-based multiple sequence alignments (413) 364
- Gorinsky, B. and R.W. Evans, Erratum to: Identification of potential ferric binding residues in the iron-binding protein of pathogenic *Neisseria meningitidis* through structure-based multiple sequence alignments [*FEBS* 413 (1997) 364–370] (417) 252
- Gorinsky, B. and R.W. Evans, Identification of potential ferric binding residues in the iron-binding protein of pathogenic *Neisseria meningitidis* through structure-based multiple sequence alignments (417) 253
- Gorinsky, B. see I.C. Boulton (414) 409
- Gorinsky, B. see I.C. Boulton (418) 228
- Görlich, D. see F. Bischoff (419) 249
- Gorman, A., A. McGowan and T.G. Cotter, Role of peroxide and superoxide anion during tumour cell apoptosis (404) 27
- Gorringe, A.R. see I.C. Boulton (414) 409
- Gorringe, A.R. see I.C. Boulton (418) 228
- Görschen, E., M. Dunaeva, I. Reeh and C. Wasternack, Overexpression of the jasmonate-inducible 23 kDa protein (JIP 23) from barley in transgenic tobacco leads to the repression of leaf proteins (419) 58
- Goruppi, S. see P. Marcandalli (415) 56
- Goruppi, S., H. Yamane, P. Marcandalli, A. Garcia, C. Clogston, M. Gostissa, B. Varnum and C. Schneider, The product of a *gas6* splice variant allows the release of the domain responsible for Axl tyrosine kinase receptor activation (415) 59
- Gostissa, M. see S. Goruppi (415) 59
- Gostissa, M. see P. Marcandalli (415) 56
- Goto, Y. see M. Hoshino (416) 72
- Gotte, G., L. Testolin, C. Costanzo, S. Sorrentino, U. Armato and M. Libonati, Cross-linked trimers of bovine ribonuclease A: activity on double-stranded RNA and antitumor action (415) 308
- Götte, M. and D. Gallwitz, High expression of the yeast syntaxin-related Vam3 protein suppresses the protein transport defects of a *pep12* null mutant (411) 48
- Götze, O. see H.L. Schieferdecker (406) 305
- Gounari, F., N. Karagianni, A. Mincheva, P. Lichter, S.D. Georgatos and V. Schirmacher, The mouse filensin gene: structure and evolutionary relation to other intermediate filament genes (413) 371
- Gourovskaya, K.N., M.D. Mamedov, I.R. Vassiliev, J.H. Golbeck and A.Yu. Semenov, Electrogenic reduction of the primary electron donor P700<sup>+</sup> in photosystem I by redox dyes (414) 193
- Governale, S. see J. Ghiso (408) 105
- Grabowski, R. and D. Gallwitz, High-affinity binding of the yeast *cis*-Golgi t-SNARE, Sed5p, to wild-type and mutant Sly1p, a modulator of transport vesicle docking (411) 169
- Grabsch, H. see G. Mehrke (408) 261
- Graf, K. see X.-P. Xi (417) 283
- Graf, K., X.-P. Xi, W.A. Hsueh and R.E. Law, Troglitazone inhibits angiotensin II-induced DNA synthesis and migration in vascular smooth muscle cells (400) 119
- Graham, J.S. see J.H. Pak (404) 283
- Granell, A. see D. Orzáez (404) 275
- Grange, R.W. see Z. Jiang (413) 441
- Grangeiro, T.B. see J. Sanz-Aparicio (405) 114
- Grant, C.M., F.H. MacIver and I.W. Dawes, Mitochondrial function is required for resistance to oxidative stress in the yeast *Saccharomyces cerevisiae* (410) 219
- Grant, S. see W. Jarvis (412) 9
- Granzin, J. see U. Wilden (415) 268
- Grapenthin, O. see D. Berendji (405) 37
- Gras, E. see J.-M. Dore (402) 50
- Grassmè, H. see B. Brenner (417) 301
- Grasso, S. see F. Cutruzzola (412) 365
- Graversen, J.H. see B.B. Nielsen (412) 388
- Gray, C. see P. Cutler (412) 341
- Gray, M.W. see J.E. Norman (413) 333
- Grazi, E., What is the diameter of the actin filament? (405) 249
- Grazioli, V. see P. Gaetani (404) 303
- Green, I.C. see J.G. Mabley (417) 235
- Green, J. see P.A. Jordan (416) 349
- Greenberg, E. see W. Breuer (403) 213
- Greene, R.V. see P. Biely (420) 121
- Greger, R. see S. Lehr (415) 1
- Gregoriadis, G., R. Saffie and J. de Souza, Liposome-mediated DNA vaccination (402) 107
- Greil, R. see S. Geley (402) 36
- Greiner, S. see H.J. Schäfer (404) 216
- Greksák, M. see P. Šmigán (420) 93
- Grellet, F. see M. Delseny (403) 221
- Grellet, F. see M. Delseny (405) 129
- Grenningloh, G. see G. Di Paolo (416) 149
- Grice, A.L., I.D. Kerr and M.S.P. Sansom, Ion channels formed by HIV-1 Vpu: a modelling and simulation study (405) 299

- Griffin, A.-M. see F. Volpe (419) 41  
 Griffiths, W.J. see M. Hjertman (416) 235  
 Grigor'ev, I.A. see R.F. Haseloff (418) 73  
 Grigorenko, E. see M.L. Messi (411) 32  
 Grigorjeva, O. see S. Awaeva (410) 502  
 Grill, D. see W. Wonisch (405) 11  
 Grillasca, J.-P., M. Gastaldi, H. Khiri, A. Dace, N. Peyrol, P. Reynier, J. Torresani and R. Planells, Cloning and initial characterization of human and mouse Spot 14 genes (401) 38  
 Grimm, M. see R. Grimm (408) 350  
 Grimm, R., M. Grimm, C. Eckerskorn, K. Pohlmeier, T. Röhl and J. Soll, Postimport methylation of the small subunit of ribulose-1,5-bisphosphate carboxylase in chloroplasts (408) 350  
 Grishchenko, V.M. see E.A. Permyakov (405) 273  
 Groarke, D. see A. Wise (419) 141  
 Grochulski, P. see J.-L. Schwartz (410) 397  
 Groell, C. see A. Huber (406) 6  
 Groettrup, M. see A. Soza (413) 27  
 Grohè, C., S. Kahlert, K. Löbbert, M. Stimpel, R.H. Karas, H. Vetter and L. Neyes, Cardiac myocytes and fibroblasts contain functional estrogen receptors (416) 107  
 Gromer, S., R. Schirmer and K. Becker, The 58 kDa mouse selenoprotein is a BCNU-sensitive thioredoxin reductase (412) 318  
 Gröner, R. see J. Schwender (414) 129  
 Gröning, B. see I. Meier (415) 91  
 Groot Kormelink, P.J. and W.H.M.L. Luyten, Cloning and sequence of full-length cDNAs encoding the human neuronal nicotinic acetylcholine receptor (nAChR) subunits  $\beta 3$  and  $\beta 4$  and expression of seven nAChR subunits in the human neuroblastoma cell line SH-SY5Y and/or IMR-32 (400) 309  
 Groschner, K. see K. Schuhmann (408) 75  
 Gross, W. see C. Oesterhelt (401) 35  
 Gross-Mesilaty, S., J.L. Hargrove and A. Ciechanover, Degradation of tyrosine aminotransferase (TAT) via the ubiquitin proteasome pathway (405) 175  
 Groth, G. and J.E. Walker, Model of the  $c$ -subunit oligomer in the membrane domain of F-ATPases (410) 117  
 Grubb, A. see P. Bonay (416) 276  
 Grüber, G., A. Hausrath, M. Sagermann and R.A. Capaldi, An improved purification of ECF<sub>1</sub> and ECF<sub>1</sub>F<sub>0</sub> by using a cytochrome *bo*-deficient strain of *Escherichia coli* facilitates crystallization of these complexes (410) 165  
 Grundström, T. see T. Tarkka (406) 56  
 Gryaznova, O.I. see N.L. Davydova (415) 155  
 Gschwind, R.M., G. Gemmecker, M. Leutner, H. Kessler, R. Gutknecht, R. Lanz, K. Flückiger and B. Erni, Secondary structure of the IIB domain of the *Escherichia coli* mannose transporter, a new fold in the class of  $\alpha/\beta$  twisted open-sheet structures (404) 45  
 Gu, Q. see J. Zhao (408) 271  
 Guardiola-Lemaitre, B. see S. Conway (407) 121  
 Guastadisegni, C., L. Minghetti, A. Nicolini, E. Polazzi, P. Ade, M. Balduzzi and G. Levi, Prostaglandin E<sub>2</sub> synthesis is differentially affected by reactive nitrogen intermediates in cultured rat microglia and RAW 264.7 cells (413) 314  
 Gudkov, A.T., The L7/L12 ribosomal domain of the ribosome: structural and functional studies (407) 253  
 Gudkov, A.T. see K.A. Martemyanov (414) 268  
 Gueguen, G. see F. Gaits (410) 54  
 Gueldry, S. see G. Lizard (419) 276  
 Guérin, B. see A. Devin (410) 329  
 Guérin, M. see S. Manon (415) 29  
 Guerrero, J.M. see J.J. Garcia (408) 297  
 Guerrini, L., C. De Santis, P. Robbioni, A. Beretta and F. Blasi, Nuclear levels of NF- $\kappa$ B correlate with syncytium-forming capacity of 8e51 cells, expressing a defective HIV virus (412) 277  
 Guerrini, R. see A. Capasso (417) 141  
 Guest, J.R. see P.A. Jordan (416) 349  
 Guiard, B. see G. Kispal (418) 346  
 Guido, M. see D. Monti (409) 365  
 Guidotti, G. see M.V. Coppi (405) 281  
 Guihard, G., S. Proteau and E. Rousseau, Does the nuclear envelope contain two types of ligand-gated Ca<sup>2+</sup> release channels? (414) 89  
 Guillaume, G. see P. Ledent (413) 194  
 Guillemet, E. see A.A. Komar (415) 6  
 Guillouzo, A. see J. Antras-Ferry (403) 100  
 Guinovart, J.J. see S. Baqué (417) 355  
 Guinovart, J.J. see J.C. Ferrer (415) 249  
 Guisez, Y. see S.A.B.W. Verploegen (405) 237

- Guittet, E. see A. Böckmann (418) 127  
 Guittet, E. see R. Cerdan (408) 235  
 Gulbins, E. see B. Brenner (417) 301  
 Gulbins, E. see U. Koppenhoefer (414) 444  
 Gulbins, E. see B. Wagenknecht (409) 17  
 Gulnik, S.V., L.I. Suvorov, P. Majer, J. Collins, B.P. Kane, D.G. Johnson and J.W. Erickson, Design of sensitive fluorogenic substrates for human cathepsin D (413) 379  
 Gundersen, R. see D.T. Brazil (404) 100  
 Gunn, I. see A.P. Goldstone (415) 134  
 Guo, W., D. Roth, E. Gatti, P. De Camilli and P. Novick, Identification and characterization of homologues of the Exocyst component Sec10p (404) 135  
 Gupta, R.K. see G.A. Morrill (408) 191  
 Guranda, D. see V. Svedas (417) 414  
 Gurrola, G.B. see F.Z. Zamudio (405) 385  
 Gusmano, R. see A. Di Donato (419) 63  
 Gustafsson, J. see G. Gebre-Medhin (412) 439  
 Gustafsson, J.-Å. see G.G.J.M. Kuiper (410) 87  
 Gustin, S.E. see D.A. Jans (406) 315  
 Gustin, S.E. see D.A. Jans (410) 368  
 Guth, S. see J. Volkmer (406) 291  
 Gutknecht, R. see R.M. Gschwind (404) 45  
 Guzzi, M.F. see S. Wang (411) 225  
 Gvozdev, V.A. see A.I. Kalmykova (416) 164

## H

- Haag-Kerwer, A. see H.J. Schäfer (404) 216  
 Haase, H. see M.W. McEnery (420) 74  
 Haase, H. see I. Morano (408) 71  
 Haavik, J. see H. Erlandsen (406) 171  
 Häberlein, I. see S. Morell (414) 567  
 Hachiya, T. see Y. Nagai (418) 23  
 Hack, C. see H. Speijer (402) 193  
 Hack, V. see R. Kinscherf (405) 55  
 Hackam, D. see R.G. Watson (412) 603  
 Hacker, U. see J. Monnat (418) 357  
 Haegeman, G. see E. Decoster (416) 183  
 Haffner, C., K. Takei, H. Chen, N. Ringstad, A. Hudson, M.H. Butler, A.E. Salcini, P.P. Di Fiore and P. De Camilli, Synaptotagmin 1: localization on coated endocytic intermediates in nerve terminals and interaction of its 170 kDa isoform with Eps15 (419) 175  
 Haga-Toda, Y. see K. Nakayama (412) 547  
 Hagemann, C., A. Kalmes, V. Wixler, L. Wixler, T. Schuster and U.R. Rapp, The regulatory subunit of protein kinase CK2 is a specific A-Raf activator (403) 200  
 Hagen, W.R. see W. Schumacher (409) 421  
 Hagihara, Y. see M. Hoshino (416) 72  
 Hagi-Pavli, E. see S. Kapas (418) 287  
 Hagiwara, M. see Y. Nagai (418) 23  
 Hahn, U. see K. Gast (403) 245  
 Hai, N. see S. Kosugi (406) 139  
 Hajela, K., A.H. Pande and Sumati, Carbohydrate induced modulation of cell membrane. VI. Binding of exogenous lectin induces susceptibility of erythrocytes to free radical damage: a spin label study (406) 255  
 Hakamata, Y. see Y. Nakashima (417) 157  
 Hakeda, Y. see Y. Mori (406) 310  
 Hakomori, S. see S. Kawa (420) 196  
 Hakoshima, T. see H. Yaku (408) 337  
 Halban, P.A. see Y. Rouillé (413) 119  
 Hale, J.E. see A.D. Kline (407) 239  
 Hall, A. see M.R. Ahmadian (408) 315  
 Haller, H. see M. Köhler (417) 104  
 Hallet, M.-M. see B. Lebeau (407) 141  
 Halliwell, B., What nitrates tyrosine? Is nitrotyrosine specific as a biomarker of peroxynitrite formation in vivo? (411) 157  
 Halliwell, B. see M. Whiteman (414) 497  
 Halliwell, C.M. see K. Di Gleria (400) 155  
 Hallmark, O.G. see S. An (417) 279  
 Halpert, J.R. see X. Fang (416) 77

- Haltiwanger, B.M. see E. Nicolas (406) 162
- Halvorsen, S.W. see C. Lu (412) 121
- Hamada, D. see M. Hoshino (416) 72
- Hamaguchi, M. see A.A. Thant (406) 28
- Hamasaki, H. see T. Taki (418) 219
- Hamers, R. see M. Arbabi Ghahroudi (414) 521
- Hammarström, P., B. Kalman, B.-H. Jonsson and U. Carlsson.  
Pyrene excimer fluorescence as a proximity probe for investigation of residual structure in the unfolded state of human carbonic anhydrase II (420) 63
- Hamm-Künzelmann, B. see D. Schäfer (417) 325
- Hamm-Künzelmann, B., D. Schäfer, C. Weigert and K. Brand.  
Redox-regulated expression of glycolytic enzymes in resting and proliferating rat thymocytes (403) 87
- Hamon, M. see C. Sagné (417) 177
- Hampton, M.B. and S. Orrenius, Dual regulation of caspase activity by hydrogen peroxide: implications for apoptosis (414) 552
- Hamuro, T. see Y. Kamikubo (407) 116
- Han, J., X. Wang, Y. Jiang, R.J. Ulevitch and S. Lin, Identification and characterization of a predominant isoform of human MKK3 (403) 19
- Han, L. see P.L. Hermonat (407) 78
- Han, S.B. see H.M. Kim (412) 201
- Han, Y.S. see J.-H. Lim (406) 142
- Hanada, K. see E. Kinoshita (407) 343
- Hanada, K. see H. Yamamoto (417) 196
- Hanaoka, K. see Y. Miyagoe (415) 33
- Hanazawa, S. see K. Ozaki (410) 297
- Handa, H. see K. Nakade (418) 315
- Handa, N. see E. Kinoshita (407) 343
- Handa, S. see T. Taki (418) 219
- Handel, L. see M. Dathe (403) 208
- Handen, J.S. and H.F. Rosenberg, Suppression of HIV-1 transcription by  $\beta$ -chemokines RANTES, MIP1- $\alpha$ , and MIP-1 $\beta$  is not mediated by the NFAT-1 enhancer element (410) 301
- Handschumacher, R.E. see M.A. McCornack (414) 84
- Hänecke, K. see F. Neuschäfer-Rube (401) 185
- Hänecke, K. see F. Neuschäfer-Rube (415) 119
- Hanekamp, T., D. Kobayashi, S. Hayes and M.M. Stayton.  
Avirulence gene D of *Pseudomonas syringae* pv. *tomato* may have undergone horizontal gene transfer (415) 40
- Hannappel, E. see T. Huff (414) 39
- Hannun, Y.A. see T. Wieder (411) 260
- Hanoch, T. see Y. Yung (408) 292
- Hanouné, J. see L. Lipskaia (415) 275
- Hansen, J., M. Muldbjerg, H. Chérest and Y. Surdin-Kerjan.  
Siroheme biosynthesis in *Saccharomyces cerevisiae* requires the products of both the *MET1* and *MET8* genes (401) 20
- Hansen, K., L. Rönstrand, L. Claesson-Welsh and C.-H. Heldin.  
Phosphorylation of a 72-kDa protein in PDGF-stimulated cells which forms complex with c-Crk, c-Fyn and Eps15 (409) 195
- Hansen, M. see B. Tomkinson (405) 277
- Hansen, U.-P. see C.S. Bauer (405) 390
- Hanson, B. see K. Terada (403) 309
- Hanson, D.K. see M. Valerio-Lepiniec (407) 159
- Hanson, R.W. see H. Cassuto (412) 597
- Hansson, C. see E. Rosengren (417) 85
- Hara, A. see M. Iwai (406) 267
- Hara, K. see A. Kawada (408) 43
- Hara, K. see F. Tokunaga (412) 65
- Hara, K. see F. Tokunaga (415) 351
- Hara, N. see M. Terashima (412) 227
- Haracska, L. and A. Udvardy, Mapping the ubiquitin-binding domains in the p54 regulatory complex subunit of the *Drosophila* 26S protease (412) 331
- Harada, K., S. Ishibashi, T. Miyashita, J. Osuga, H. Yagyu, K. Ohashi, Y. Yazaki and N. Yamada, Bcl-2 protein inhibits oxysterol-induced apoptosis through suppressing CPP32-mediated pathway (411) 63
- Harada, N. see M. Masuda (408) 331
- Harada, Y. see A.H. Iwane (407) 235
- Haran, M. see P. Cutler (412) 341
- Harashima, S. see K. Fujimori (413) 226
- Hård, T. see N.L. Davydova (415) 155
- Harder, W. see F.A. Salomons (411) 133
- Hardie, D. see V. Gaussen (413) 115
- Hardie, D. see A.B. Sprenkle (403) 254
- Hardie, D.G. see Y.P. Ching (411) 265
- Hardy, F. see O.R. Veltman (405) 241
- Harford-Cross, C.F. see D.P. Nickerson (405) 153
- Hargrove, J.L. see S. Gross-Mesilaty (405) 175
- Häring, H.U. see M. Kellerer (418) 119
- Harker, M. and J. Hirschberg, Biosynthesis of ketocarotenoids in transgenic cyanobacteria expressing the algal gene for  $\beta$ -C-4-oxygenase, *crtO* (404) 129
- Haro, A. see I. Galve-Roperh (415) 271
- Harriott, P. see M.T. Fox (417) 267
- Harrison, D.J. see I. Rahman (411) 393
- Harrison, G. see P.J. Morgan (412) 563
- Hart, L.A. see R. Newton (418) 135
- Hartfield, P.J., G.C. Mayne and A.W. Murray, Ceramide induces apoptosis in PC12 cells (401) 148
- Hartl, F. see J.C. Young (418) 139
- Hartmann, B.L. see S. Geley (400) 15
- Hartmann, B.L. see S. Geley (402) 36
- Hartmann, E. see M. Köhler (417) 104
- Hartmann, R. see K. Turpaev (408) 177
- Hartsuck, J.A. see L. Hong (420) 11
- Harutyunyan, E. see S. Avaeva (410) 502
- Harvey, W.R. see H. Merzendorfer (411) 239
- Harwig, S.S.L. see I. Lee (400) 158
- Harzer, K., B.C. Paton, H. Christomanou, M. Chatelut, T. Levade, M. Hiraiwa and J.S. O'Brien, Saposins (*sap*) A and C activate the degradation of galactosylceramide in living cells (417) 270
- Hasegawa, H. see H. Hizaki (414) 323
- Hasegawa, J. see S. Sano (411) 327
- Hasegawa, K. see K. Mizuno (417) 6
- Hasegawa, M. see M. Goedert (409) 57
- Haseloff, R.F., K. Mertsch, E. Rohde, I. Baeger, I.A. Grigor'ev and I.E. Blasig, Cytotoxicity of spin trapping compounds (418) 73
- Hashemzadeh-Bonehi, L. see C. Mitsopoulos (419) 18
- Hashimoto, T. see I. Onishi (420) 201
- Hashimoto, Y. see N. Yamazaki (409) 401
- Hassiepen, U. see M. Federwisch (407) 333
- Hastings, J. see M. Mittag (411) 245
- Hasumi, K. see R. Takayasu (418) 58
- Hata, S. see Y. Ueno (417) 57
- Hatake, K. see M. Shimura (417) 379
- Hatakeyama, T. see T. Fujisawa (414) 79
- Hatanaka, M. see R.A. Furuta (415) 231
- Hauck, C.R. and T.F. Meyer, The lysosomal/phagosomal membrane protein h-lamp-1 is a target of the IgA1 protease of *Neisseria gonorrhoeae* (405) 86
- Haumann, M., M. Hundelt, P. Jahns, S. Chroni, O. Bögershausen, D. Ghanotakis and W. Junge, Proton release from water oxidation by photosystem II: similar stoichiometries are stabilized in thylakoids and PSII core particles by glycerol (410) 243
- Hause, B. see R. Kramell (414) 197
- Hauser, H. see D. Boffelli (411) 7
- Hauser, K. see R. Kissmehl (402) 227
- Hauser, K. see R. Kissmehl (406) 220
- Hausrath, A. see G. Grüber (410) 165
- Häussinger, D. see R. Sinning (400) 163
- Hawkes, S.P. see K.J. Leco (401) 213
- Hawley, A.E., L. Illum and S.S. Davis, Lymph node localisation of biodegradable nanospheres surface modified with poloxamer and poloxamine block co-polymers (400) 319
- Hay, R.T. see J.M.P. Desterro (417) 297
- Hayakawa, Y. see H. Noguchi (413) 157
- Hayasaka, M. see Y. Miyagoe (415) 33
- Hayase, F. see T. Niwa (407) 297
- Hayashi, F. see K. Sato (410) 136
- Hayashi, M. see S. Mano (413) 21
- Hayashi, T. see K. Nakamura (417) 375
- Hayashi, Y., M. Ichinose, H. Yuasa, M. Tatematsu and M. Ishibashi, Cca3, the mRNA level of which transiently decreases before initiation of DNA synthesis in regenerating rat liver cells (406) 147
- Hayes, S. see T. Hanekamp (415) 40
- Hayman, M.J. see H.-Y. Lin (411) 389
- Hayn, M. see P.M. Abuja (413) 289
- Hayn, M. see W. Wonisch (405) 11
- Hazan, B. see O. Bern (403) 45
- Hazell, B.W., S. Kletsas, H. Nevalainen and P.V. Atfield, Involvement of *CIF1* (*GGS1/TPS1*) in osmotic stress response in *Saccharomyces cerevisiae* (414) 353

- Hazell, L.J. and R. Stocker,  $\alpha$ -Tocopherol does not inhibit hypochlorite-induced oxidation of apolipoprotein B-100 of low-density lipoprotein (414) 541
- He, C. see S. Wang (411) 225
- He, S., J.-C. Yang, S. Tsang, R.B. Sim and K. Whaley, Role of the distal hinge region of C1-inhibitor in the regulation of C1s activity (412) 506
- He, S., R.B. Sim and K. Whaley, A secondary C1s interaction site on C1-inhibitor is essential for formation of a stable enzyme-inhibitor complex (405) 42
- Heales, S. see D. Howlett (417) 249
- Heales, S.J.R. see P.S. Brookes (416) 90
- Heath, M.M. see A.P. Goldstone (415) 134
- Hebart, H. see S.L. Kelly (400) 80
- Hechler, B. see C. Léon (403) 26
- Hederstedt, L. see M. Throne-Holst (410) 351
- Hee Lee, I. see C. Zhao (410) 490
- Heffernan, D. see S.S. Mok (415) 303
- Hefner, H.E. see L.K. Dow (414) 514
- Heid, H. see B. Pause (414) 95
- Heid, H. see T.-P. Thai (420) 205
- Heidacher, D. see S. Geley (402) 36
- Heidland, A. see A. Simm (410) 481
- Heijn, M. see J.H. Hooijberg (413) 344
- Heijtkink, R. see J. Balzarini (410) 324
- Heine, G. see D. Hock (400) 221
- Heinemann, S.H. see H. Suessbrich (414) 435
- Heinhorst, S. see M.A. White (410) 509
- Heinhorst, S. see M.A. White (416) 387
- Heinisch, J.J. see J.J. Jacoby (417) 219
- Heinrich, M. see P.M. Bork (402) 85
- Heinrich, P.C. see B. Lebeau (407) 141
- Heinrich, P.C. see F. Schaper (405) 99
- Heinrikson, R.L. see K.-C. Chou (419) 49
- Heitman, J. see C. Scholz (414) 69
- Helander, I.M., I. Kilpeläinen and M. Vaara, Phosphate groups in lipopolysaccharides of *Salmonella typhimurium rfaP* mutants (409) 457
- Held, I. see S. Kapiotis (409) 223
- Heldin, C.-H., Simultaneous induction of stimulatory and inhibitory signals by PDGF (410) 17
- Heldin, C.-H. see K. Hansen (409) 195
- Helin, J. see H. Salminen (419) 220
- Helin, J., L. Penttilä, A. Leppänen, H. Maaheimo, S. Lauri, C.E. Costello and O. Renkonen, The  $\beta$ 1,6-GlcNAc transferase activity present in hog gastric mucosal microsomes catalyses site-specific branch formation on a long poly(lactosamine) backbone (412) 637
- Hell, K., J. Herrmann, E. Pratje, W. Neupert and R.A. Stuart, OxalP mediates the export of the N- and C-termini of pCoxII from the mitochondrial matrix to the intermembrane space (418) 367
- Helms, M.K., C.E. Petersen, N.V. Bhagavan and D.M. Jameson, Time-resolved fluorescence studies on site-directed mutants of human serum albumin (408) 67
- Hemmings, B. see C.L. Sable (409) 253
- Hempel, U. see T. Reimann (403) 57
- Hemrika, W. and R. Wever, A new model for the membrane topology of glucose-6-phosphatase: the enzyme involved in von Gierke disease (409) 317
- Hen, R. see L.A. Obosi (412) 321
- Henderson, I.W. see K.J. Armour (411) 145
- Hendler, S. see N. Santanam (414) 549
- Hendriks, L. see M. Okochi (418) 162
- Hendriks, W. see J. Schepens (409) 53
- Heng, Y.M. see J.-R. Alattia (417) 405
- Hengstschläger, M. and G. Bernaschek, Fetal cells in the peripheral blood of pregnant women express thymidine kinase: a new marker for detection (404) 299
- Henklein, P. see A. Soza (413) 27
- Hennecke, H. see R. Rossmann (406) 249
- Hennecke, H. see R. Zufferey (412) 75
- Henry, J.-P. see C. Sagné (417) 177
- Henry, J.-P. see I. Sagot (410) 229
- Hensel, M. see T. Volk (415) 169
- Herbert, J.M. and P. Carmeliet, Involvement of u-PA in the anti-apoptotic activity of TGF $\beta$  for vascular smooth muscle cells (413) 401
- Herbert, J.-M. see F. Bono (416) 243
- Herblot, S., A. Vekris, A. Rouzaut, F. Najeme, C. de Miguel, J.H. Bezan and J. Bonnet, Selection of down-regulated sequences along the monocytic differentiation of leukemic HL60 cells (414) 146
- Herbst, M. see S. Lehr (415) 1
- Herdewijn, P. see K. Croes (412) 643
- Herdewijn, P. see A. De Bruyn (405) 111
- Hermann, M. see S. Kapiotis (409) 223
- Hermann-Le Denmat, S. and M. Jacquet, Yeast *RAS2* mutations modulating the ras-guanine exchange factor interaction (403) 95
- Hermans, J. see L. Duprez (409) 469
- Hermelin, B. see S. Djelloul (406) 234
- Hermens, W.Th. see H. Speijer (402) 193
- Hermetter, A. see R. Kinscherf (405) 55
- Hermomat, P.L. and R.B. Batchu, The adeno-associated virus Rep78 major regulatory protein forms multimeric complexes and the domain for this activity is contained within the carboxy-half of the molecule (401) 180
- Hermomat, P.L., J. Quirk, B.M. Bishop and L. Han, The packaging capacity of adeno-associated virus (AAV) and the potential for wild-type-plus AAV gene therapy vectors (407) 78
- Hermoso, J. see J. Sanz-Aparicio (405) 114
- Hermouet, S. see E. Lippert (417) 292
- Herrera, L. see M. Torrejón (404) 91
- Herrero, M.B., J.C. Goin, M. Boquet, M.G. Canteros, A.M. Franchi, S. Perez Martinez, J.M. Polak, J.M. Viggiano and M.A.F. Gimeno, The nitric oxide synthase of mouse spermatozoa (411) 39
- Herreros, L. see A. Luque (413) 265
- Herrmann, J. see K. Hell (418) 367
- Herrmann, R.G. see I. Karnauchov (408) 206
- Hertel, S.C., H.-D. Knöfel, R. Kramell and O. Miersch, Partial purification and characterization of a jasmonic acid conjugate cleaving amidohydrolase from the fungus *Botryodiplodia theobromae* (407) 105
- Hescheler, J. see G. Mehrke (408) 261
- Hescheler, J. see H. Sauer (419) 201
- Heurteaux, C. see F. Lesage (402) 28
- Hiai, H. see M. Erhola (409) 287
- Hiai, H. see J. Leinonen (417) 150
- Hibi, M. see I.-S. Lee (401) 133
- Hick, C.A. see H. Vais (413) 327
- Hidaka, H. see R. Dunford (418) 87
- Hidaka, H. see Y. Watanabe (403) 75
- Hidaka, S. see T. Masaki (418) 323
- Hidaka, Y., H. Park and M. Inouye, Demonstration of dimer formation of the cytoplasmic domain of a transmembrane osmosensor protein, EnvZ, of *Escherichia coli* using Ni-histidine tag affinity chromatography (400) 238
- Hiddinga, H.J. see Y.C. Kudva (416) 117
- Hiesinger, M., C. Wagner and H.-J. Schüller, The acetyl-CoA synthetase gene *ACS2* of the yeast *Saccharomyces cerevisiae* is coregulated with structural genes of fatty acid biosynthesis by the transcriptional activators Ino2p and Ino4p (415) 16
- Higashi, H., K. Sato, A. Ohtake, A. Omori, S. Yoshida and Y. Kudo, Imaging of cAMP-dependent protein kinase activity in living neural cells using a novel fluorescent substrate (414) 55
- Higashi, S. see Y. Nakamura (419) 45
- Higashida, H., ADP-ribosyl cyclase coupled with receptors via G proteins (418) 355
- Higazi, A.A.-R., Commentary on: 'Effect of purified soluble urokinase receptor on the plasminogen pro-urokinase activation system' by N. Behrendt and K. Dano, *FEBS Letters*, 393 (1996) 31–36 (402) 291
- Higley, S. see I. Reckmann (409) 141
- Higueret, P. see V. Enderlin (412) 629
- Hikiji, H., W.S. Shin, S. Oida, T. Takato, T. Koizumi and T. Toyooka, Direct action of nitric oxide on osteoblastic differentiation (410) 238
- Hikiji, K. see M. Mukaide (407) 51
- Hilber, K. see S. Galler (410) 150
- Hildebrandt, P. see C. Kneip (414) 23
- Hileman, M.R., B.S. Chapman, S. Rabizadeh, V.V. Krishnan, D. Bredesen, N. Assa-Munt and L.A. Plesniak, A cytoplasmic peptide of the neurotrophin receptor p75NTR: induction of apoptosis and NMR determined helical conformation (415) 145
- Hilgenfeld, R. see G. Webster (411) 313
- Hilgenfeld, R. see G. Webster (415) 351
- Hilgenfeld, R. see G. Webster (416) 387
- Hill, H.A.O. see K. Di Gleria (400) 155

- Hill, J. and L.H. Phylip, Bacterial aspartic proteinases (409) 357
- Hille-Rehfeld, A. see M.A. Sosa (407) 173
- Hinchigeri, S.B., B. Hundle and W.R. Richards, Demonstration that the BchH protein of *Rhodobacter capsulatus* activates S-adenosyl-L-methionine:magnesium protoporphyrin IX methyltransferase (407) 337
- Hinoi, T. see K. Matsubara (410) 169
- Hinrichs, D.J. see M.V. Ignatushchenko (409) 67
- Hinrichs, M.V. see M. Torrejón (404) 91
- Hinssen, H. see A.V. Maximov (412) 94
- Hirai, K. see A. Kato (412) 183
- Hirai, S. see S. Osada (404) 227
- Hiraiwa, M. see K. Harzer (417) 270
- Hiraki, Y. see Y. Mori (406) 310
- Hiraki, Y., T. Kono, M. Sato, C. Shukunami and J. Kondo, Inhibition of DNA synthesis and tube morphogenesis of cultured vascular endothelial cells by chondromodulin-I (415) 321
- Hiramoto, K. see K. Kikugawa (404) 175
- Hirano, H. see T. Sakai (414) 439
- Hiraoka, M. see T. Furukawa (403) 111
- Hiraoka, T. see T. Fukuwatari (414) 461
- Hirata, D. see T. Takeuchi (416) 339
- Hirata, M. see H. Oida (417) 53
- Hirata, T. see Y. Mizukami (401) 247
- Hirata, T., R. Wakatabe, J. Nielsen, Y. Someya, E. Fujihira, T. Kimura and A. Yamaguchi, A novel compound, 1,1-dimethyl-5-(1-hydroxypropyl)-4,6,7-trimethylindan, is an effective inhibitor of the *tet(K)* gene-encoded metal-tetracycline/H<sup>+</sup> antiporter of *Staphylococcus aureus* (412) 337
- Hirayama, N. see I. Fujii (410) 131
- Hirayama, T., C. Ishida, T. Kuromori, S. Obata, C. Shimoda, M. Yamamoto, K. Shinozaki and C. Ohto, Functional cloning of a cDNA encoding Mei2-like protein from *Arabidopsis thaliana* using a fission yeast pheromone receptor deficient mutant (413) 16
- Hird, R. see K.L.H. Carpenter (401) 262
- Hiromasa, Y. see T. Fujisawa (414) 79
- Hirsch, A., J. Breed, K. Saxena, O.-M.H. Richter, B. Ludwig, K. Diederichs and W. Welte, The structure of porin from *Paracoccus denitrificans* at 3.1 Å resolution (404) 208
- Hirsch, J.A., D.A. Wah, L.F. Dörner, I. Schildkraut and A.K. Aggarwal, Crystallization and preliminary X-ray analysis of restriction endonuclease *FokI* bound to DNA (403) 136
- Hirsch, T. see S. Hortelano (410) 373
- Hirschberg, J. see M. Harker (404) 129
- Hiruma, M. see A. Kawada (408) 43
- Hisatomi, O., Y. Imanishi, T. Satoh and F. Tokunaga, Arrestins expressed in killifish photoreceptor cells (411) 12
- Hitchman, T.S. see R.J. Cox (405) 267
- Hitomi, Y. see F.K. Askari (405) 5
- Hiura, N. see A. Kawada (408) 43
- Hizaki, H., H. Hasegawa, H. Katoh, M. Negishi and A. Ichikawa, Functional role of carboxyl-terminal tail of prostaglandin EP3 receptor in Gi coupling (414) 323
- Hjelmqvist, L. see R.M. Bolton (406) 216
- Hjelmqvist, L., R. Lundgren, A. Norin, H. Jörnvall, B. Vallee, A. Klyosov and W.M. Keung, Class 2 aldehyde dehydrogenase, Characterization of the hamster enzyme, sensitive to daidzin and conserved within the family of multiple forms (416) 99
- Hjertman, M., J. Wejde, A. Dricu, M. Carlberg, W.J. Griffiths, J. Sjövall and O. Larsson, Evidence for protein dolichylation (416) 235
- Hla, T., A.B. Zimrin, M. Evans, K. Ballas and T. Maciag, The immediate-early gene product MAD-3/EDG-3/IkBa is an endogenous modulator of fibroblast growth factor-1 (FGF-1) dependent human endothelial cell growth (414) 419
- Hobbhahn, J. see M. Bucher (412) 511
- Hochstrasser, D.F., S. Frutiger, M.R. Wilkins, G. Hughes and J.-C. Sanchez, Elevation of apolipoprotein E in the CSF of cattle affected by BSE (416) 161
- Hock, D., M. Mägerlein, G. Heine, P.P. Ochlich and W.-G. Forssmann, Isolation and characterization of the bioactive circulating human parathyroid hormone, hPTH-1 37 (400) 221
- Höddelius, P. see P.W. Wiseman (401) 43
- Hoek, J.B. see B.N. Kholodenko (414) 430
- Hoek, J.B. see B.N. Kholodenko (419) 150
- Hoeveler, A. see J.-L. Poyet (406) 97
- Höfer, G.F. see K. Schuhmann (408) 75
- Hoffman, L. and M. Rechsteiner, Molecular cloning and expression of subunit 9 of the 26S proteasome (404) 179
- Hoffmann, W. see N.A. Wright (408) 121
- Hofmann, F. see K. Schuhmann (408) 75
- Hofmann, K. see K. Becker (412) 102
- Hofmann, K. see M. Irmeler (406) 189
- Hofmann, K. see P. Schneider (416) 329
- Hoger, A. see S.E. Forsyth (409) 277
- Hoger, J.H. see S.E. Forsyth (409) 277
- Hogg, N. see J. Vázquez-Vivar (403) 127
- Hoggard, N. see A.P. Goldstone (415) 134
- Hoggard, N. see J.G. Mercer (402) 185
- Hohaus, K. see W. Kemmner (409) 347
- Hoja, U. see S. Brody (408) 217
- Holak, T.A. see C. Freund (407) 42
- Holak, T.A. see W. Kalus (401) 127
- Holda, J.R. and L.A. Blatter, Capacitative calcium entry is inhibited in vascular endothelial cells by disruption of cytoskeletal microfilaments (403) 191
- Holder, J.C. see D.A.E. Cross (406) 211
- Holland, P. see A. Finch (418) 144
- Holler, N. see P. Schneider (416) 329
- Holliger, C. see W. Schumacher (409) 421
- Hollman, P.C.H., J.M.P. van Trijp, M.N.C.P. Buysman, M.S. v.d. Gaag, M.J.B. Mengelers, J.H.M. de Vries and M.B. Katan, Relative bioavailability of the antioxidant flavonoid quercetin from various foods in man (418) 152
- Holloway, A.F., F.A. Stennard and A.K. West, Human metallothionein gene *MT1L* mRNA is present in several human tissues but is unlikely to produce a metallothionein protein (404) 41
- Holm, C. see T. Østerlund (403) 259
- Holness, M.J. see D.A. Priestman (419) 55
- Holsters, M. see P. Mergaert (409) 312
- Holtet, T.L. see B.B. Nielsen (412) 388
- Holthuizen, P. see A.Y. Palamarchuk (416) 344
- Holtkemper, U. see M. Klempt (408) 81
- Holzer, H. see H. Zähringer (412) 615
- Homma, K. see Y. Nakajima (415) 64
- Homma, T., T. Yoshihisa and K. Ito, Subunit interactions in the *Escherichia coli* protein translocase: SecE and SecG associate independently with SecY (408) 11
- Hönck, H.-H. see H.-J. Kreienkamp (419) 92
- Honda, R., H. Tanaka and H. Yasuda, Oncoprotein MDM2 is a ubiquitin ligase E3 for tumor suppressor p53 (420) 25
- Honda, Y., T. Fukamizo, I. Boucher and R. Brzezinski, Substrate binding to the inactive mutants of *Streptomyces* sp. N174 chitinase: indirect evaluation from the thermal unfolding experiments (411) 346
- Honegger, A. see G. Pedrazzi (415) 289
- Hong, D.H. see H.M. Kim (412) 201
- Hong, K., W. Zheng, A. Baker and D. Papahadjopoulos, Stabilization of cationic liposome-plasmid DNA complexes by polyamines and poly(ethylene glycol)-phospholipid conjugates for efficient in vivo gene delivery (400) 233
- Hong, L., X.-J. Zhang, S. Foundling, J.A. Hartsuck and J. Tang, Structure of a G48H mutant of HIV-1 protease explains how glycine-48 replacements produce mutants resistant to inhibitor drugs (420) 11
- Honkanen, R.E. see A.H. Walsh (416) 230
- Honma, T. see Y. Kuroki (414) 387
- Höög, A. see R. Bränström (411) 301
- Hoogenraad, N. see K. Terada (403) 309
- Hooijberg, J.H., H.J. Broxterman, M. Heijn, D.L.A. Fles, J. Lankelma and H.M. Pinedo, Modulation by (iso)flavonoids of the ATPase activity of the multidrug resistance protein (413) 344
- Hooper, A.B. see D.M. Arciero (410) 457
- Hop, C., V. de Waard, J.A. van Mourik and H. Pannekoek, Lack of gradual regulation of tetracycline-controlled gene expression by the tetracycline-repressor/VP16 transactivator (tTA) in cultured cells (405) 167
- Hopfner, K.-P. see J. Stürzebecher (412) 295
- Hori, H. see S.-Y. Park (412) 346
- Hori, H. see M. Tsubaki (416) 247
- Horigome, T. see T. Ichimura (413) 273
- Horiike, G. see T. Suzuki (404) 192
- Horikawa, S. see T. Furukawa (403) 111
- Horiike, K. see M. Yoshizumi (419) 255
- Horikoshi, S. see R. Dunford (418) 87

- Horisberger, J.-D. see X. Wang (409) 391  
Horiuchi, M. see M. Masuda (408) 221  
Horn, R.S. see O. Walaas (413) 152  
Hornemann, S. see R. Riek (413) 282  
Hornemann, S., C. Korth, B. Oesch, R. Riek, G. Wider, K. Wüthrich and R. Glockshuber, Recombinant full-length murine prion protein, *mPrP*(23–231): purification and spectroscopic characterization (413) 277  
Hortelano, S., B. Dallaporta, N. Zamzami, T. Hirsch, S.A. Susin, I. Marzo, L. Bosca and G. Kroemer, Nitric oxide induces apoptosis via triggering mitochondrial permeability transition (410) 373  
Hoshino, H., Y. Konda and T. Takeuchi, Co-expression of the proprotein-processing endoprotease furin and its substrate transforming growth factor  $\beta$ 1 and the differentiation of rat hepatocytes (419) 9  
Hoshino, M., Y. Hagihara, D. Hamada, M. Kataoka and Y. Goto, Trifluoroethanol-induced conformational transition of hen egg-white lysozyme studied by small-angle X-ray scattering (416) 72  
Hoshiyama, D. see H. Suga (412) 540  
Hosoda, K. see J. Matsuda (418) 200  
Hosomi, A., M. Arita, Y. Sato, C. Kiyose, T. Ueda, O. Igarashi, H. Arai and K. Inoue, Affinity for  $\alpha$ -tocopherol transfer protein as a determinant of the biological activities of vitamin E analogs (409) 105  
Hotta, Y. see A. Kohyama-Koganeya (409) 258  
Hou, D.-X., H. Akimaru and S. Ishii, *Trans*-activation by the *Drosophila myb* gene product requires a *Drosophila* homologue of CBP (413) 60  
Hou, Y.-D. see X.-Y. Wan (407) 32  
Houchi, H. see M. Yoshizumi (419) 255  
Hough, E. see H. Erlandsen (406) 171  
Houliston, R.A. see C. Wheeler-Jones (420) 28  
Houštěk, J. see L. Burýšek (411) 83  
Howard, A.D., C. Tan, L.-L. Shiao, O.C. Palyha, K.K. McKee, D.H. Weinberg, S.D. Feighner, M.A. Cascieri, R.G. Smith, L.H.T. Van Der Ploeg and K.A. Sullivan, Molecular cloning and characterization of a new receptor for galanin (405) 285  
Howard, J.K. see A.P. Goldstone (415) 134  
Howlett, D., P. Cutler, S. Heales and P. Camilleri, Hemin and related porphyrins inhibit  $\beta$ -amyloid aggregation (417) 249  
Howlett, G.J. see C.E. MacPhee (416) 265  
Høyer-Hansen, G., N. Behrendt, M. Ploug, K. Danø and K.T. Preissner, The intact urokinase receptor is required for efficient vitronectin binding: receptor cleavage prevents ligand interaction (420) 79  
Hristova, N.I., I. Tsoneva and E. Neumann, Sphingosine-mediated electroporative DNA transfer through lipid bilayers (415) 81  
Hryniewiecka, L. see W. Jarmuszkievicz (411) 110  
Hsu, K.S. see C.H. Lin (407) 243  
Hsueh, W.A. see K. Graf (400) 119  
Hsueh, W.A. see X.-P. Xi (417) 283  
Hu, Y. see Y. Watanabe (403) 75  
Hu, Z. see X.-Q. Liu (408) 311  
Huang, C.-L., Y.N. Jan and L.Y. Jan, Binding of the G protein  $\beta\gamma$  subunit to multiple regions of G protein-gated inward-rectifying  $K^+$  channels (405) 291  
Huang, H. see C.A. Weiss (407) 361  
Huang, J.S. see S.S. Huang (416) 297  
Huang, R. see R.N. Reusch (412) 592  
Huang, S.S., H.A. Koh and J.S. Huang, Suramin enters and accumulates in low pH intracellular compartments of *v*-sis-transformed NIH 3T3 cells (416) 297  
Huang, W. see S. An (417) 279  
Huang, Y., D.K. Braithwaite and J. Ito, Evolution of *dnaQ*, the gene encoding the editing 3' to 5' exonuclease subunit of DNA polymerase III holoenzyme in Gram-negative bacteria (400) 94  
Huang, Z. see D.J. Butcher (409) 183  
Huang, Z.-S., Y.-H. Ping and H.-N. Wu, An AU at the first base pair of helix 3 elevates the catalytic activity of hepatitis delta virus ribozymes (413) 299  
Huangpu, J. see J.H. Pak (404) 283  
Hubbard, M.J. see J. Demmer (402) 145  
Huber, A., S. Schulz, J. Bentrop, C. Groell, U. Wolfrum and R. Paulsen, Molecular cloning of *Drosophila* Rh6 rhodopsin: the visual pigment of a subset of R8 photoreceptor cells (406) 6  
Huber, J.G. see I. Bertini (415) 45  
Huber, J.L. see H. Winter (420) 151  
Huber, R. see S. Avaeva (410) 502  
Huber, R. see M. Gomez-Ortiz (400) 336  
Huber, R. see S. Strobl (409) 109  
Huber, R. see M.C. Wahl (414) 492  
Huber, S.C. see H. Winter (420) 151  
Hübbschmann, T., A. Wilde, I. Elanskaya, S.V. Shestakov and T. Börner, A putative cytochrome *c* biogenesis gene in *Synechocystis* sp. PCC 6803 (408) 201  
Hucho, F. see K. Buchner (406) 61  
Hudson, A. see C. Haffner (419) 175  
Hudson, P.J. see P. Iliades (409) 437  
Hue, L. see V. Gaussin (413) 115  
Huet, J.-C. see E. Danty (414) 595  
Huff, T., C.S.G. Müller and E. Hannappel, C-terminal truncation of thymosin  $\beta_{10}$  by an intracellular protease and its influence on the interaction with G-actin studied by ultrafiltration (414) 39  
Hughes, G. see D.F. Hochstrasser (416) 161  
Hughes, G.J., S. Frutiger, L.-A. Savoy, A.J. Reason, H.R. Morris and J.-C. Jaton, Human free secretory component is composed of the first 585 amino acid residues of the polymeric immunoglobulin receptor (410) 443  
Hughes, M.J.G. and D.W. Andrews, A single nucleotide is a sufficient 5' untranslated region for translation in an eukaryotic in vitro system (414) 19  
Hugon, G. see F. Rivier (408) 94  
Huhtaniemi, I. see P. Koskimies (419) 186  
Hulgaard, E.F. see M.A. Cohn (403) 181  
Hullin-Matsuda, F., Y. Tsujishita and Y. Nishizuka,  $Ca^{2+}$ -independent cytosolic phospholipase A in HL-60 cells differentiating to granulocytes (419) 117  
Hülser, E. see R. Stricker (405) 229  
Hultgren, S.J. see B. Walse (412) 115  
Hummel, A.M. see D.E. Jenne (408) 187  
Hummer, G. see S. Riistama (414) 275  
Humphries, M.J. see D.S. Tuckwell (400) 297  
Hundelt, M. see M. Haumann (410) 243  
Hundle, B. see S.B. Hinchigeri (407) 337  
Hung, M.-W. see T.-C. Chang (415) 11  
Hunke, S. see A. Stein (413) 211  
Hunn, M. and A.F.G. Quest, Cysteine-rich regions of protein kinase C $\delta$  are functionally non-equivalent. Differences between cysteine-rich regions of non-calcium-dependent protein kinase C $\delta$  and calcium-dependent protein kinase C $\gamma$  (400) 226  
Hunter, D.J.B., A. Moody, P.R. Rich and W. Ingledew, EPR spectroscopy of *Escherichia coli* cytochrome *bo* which lacks Cu $_B$  (412) 43  
Hunziker, A. see T.-P. Thai (420) 205  
Husebye, E.S. see G. Gebre-Medhin (412) 439  
Husi, H., K. Schörgendorfer, G. Stempfer, P. Taylor and M.D. Walkinshaw, Prediction of substrate-specific pockets in cyclosporin synthetase (414) 532  
Husimi, Y. see N. Nemoto (414) 405  
Husøy, T. see S.-O. Mikalsen (401) 271  
Husøy, T. see S.-O. Mikalsen (411) 394  
Hussein, B. see J. Keller (403) 299  
Husslein, P. see M. Knöfler (405) 213  
Husson, A. see A. Yassad (413) 81  
Huttner, K.M., C.A. Kozak and C.L. Bevins, The mouse genome encodes a single homolog of the antimicrobial peptide human  $\beta$ -defensin 1 (413) 45  
Huttner, W.B. see O. Tüscher (419) 271  
Hwang, M.-J. see W.-S. Tzou (401) 1  
Hwang, P.-P. see C.-F. Weng (405) 91  
Hylemon, P. see W. Jarvis (412) 9  
Hynes, G.M. see H. Kubota (402) 53

# I

- Iacobazzi, V. see L. Palmieri (410) 447  
Ianoul, A. see F. Fleury (411) 215  
Ibrahim, H.R. see H. Arima (415) 114  
Ibuki, Y. see H. Kishi (402) 198  
Ichida, T. see T. Takuma (404) 34

- Ichikawa, A. see H. Hizaki (414) 323  
 Ichikawa, A. see H. Oida (417) 53  
 Ichikawa, A. see S. Tanaka (417) 203  
 Ichimura, T., M. Ito, C. Itagaki, M. Takahashi, T. Horigome, S. Omata, S. Ohno and T. Isobe, The 14-3-3 protein binds its target proteins with a common site located towards the C-terminus (413) 273  
 Ichinose, A. see M. Kida (404) 95  
 Ichinose, H. see N. Itoh (412) 281  
 Ichinose, M. see Y. Hayashi (406) 147  
 Ichiyama, A. see T. Oda (418) 265  
 Ientile, R., S. Pedale, V. Picciurro, V. Macaione, C. Fabiano and S. Macaione, Nitric oxide mediates NMDA-evoked [ $^3$ H]GABA release from chick retina cells (417) 345  
 Igamberdiev, A.U., N.V. Bykova and P. Gardeström, Involvement of cyanide-resistant and rotenone-insensitive pathways of mitochondrial electron transport during oxidation of glycine in higher plants (412) 265  
 Igarashi, O. see A. Hosomi (409) 105  
 Igarashi, Y. see S. Kawa (420) 196  
 Igarashi, Y. see T. Shirahama (407) 97  
 Igarashi, Y. see Y. Yatomi (404) 173  
 Igarashi, Y. see Y. Yatomi (417) 341  
 Igata, E. see S. Minami (411) 1  
 Iglesias, R. see F.M. de Benito (413) 85  
 Ignatushchenko, M.V., R.W. Winter, H.P. Bächinger, D.J. Hinrichs and M.K. Riscoe, Xanthones as antimalarial agents: studies of a possible mode of action (409) 67  
 Ihara, Y. see K. Yanagisawa (420) 43  
 Ihrig, P. see T. Wieder (411) 260  
 Imura, Y. and K. Tatsumi, Isolation of mRNAs induced by a hazardous chemical in white-rot fungus, *Coriolus versicolor*, by differential display (412) 370  
 Iino, S. see M. Mukaide (407) 51  
 Iizuka, T. see S.-Y. Park (412) 346  
 Ikawa, M. see M. Okabe (407) 313  
 Ikeda, M. see Y. Kanaoka (402) 73  
 Ikeda, M. see M. Okochi (418) 162  
 Ikeda, N. see T. Ramamurthy (413) 174  
 Ikezu, T. see U. Giambarella (412) 97  
 Ikonen, T. see A. Moilanen (412) 355  
 Ikura, M. see J.-R. Alattia (417) 405  
 Ikuta, K., N. Shibata, H. Kanehiko, H. Kobayashi, S. Suzuki and Y. Okawa, NMR assignment of the galactomannan of *Candida lipolytica* (414) 338  
 Ilari, A. see C. Zamparelli (409) 1  
 Ilengo, C. see P. Briata (402) 131  
 Iliades, P., A.A. Kortt and P.J. Hudson, Triabodies: single chain Fv fragments without a linker form trivalent trimers (409) 437  
 Illum, L. see A.E. Hawley (400) 319  
 Imada, K., A. Ito, N. Kanayama, T. Terao and Y. Mori, Urinary trypsin inhibitor suppresses the production of interstitial procollagenase/proMMP-1 and prostromelysin 1/proMMP-3 in human uterine cervical fibroblasts and chorionic cells (417) 337  
 Imai, S., M. Okuno, H. Moriwaki, Y. Muto, K. Murakami, K. Shudo, Y. Suzuki and S. Kojima, 9,13-di-*cis*-Retinoic acid induces the production of tPA and activation of latent TGF- $\beta$  via RAR $\alpha$  in a human liver stellate cell line, LI90 (411) 102  
 Imai, Y. see A. Fujishima (407) 47  
 Imaizumi, Y. see S. Ohya (401) 252  
 Imaizumi, Y. see S. Ohya (420) 47  
 Imamoto, N. see L. Tsuji (416) 30  
 Imamura, M. see T. Kaido (411) 378  
 Imanaka, T. see K. Kohda (407) 280  
 Imanishi, T. see K. Yamamoto (414) 182  
 Imanishi, Y. see O. Hisatomi (411) 12  
 Imanishi, Y. see Y. Ito (403) 159  
 Imanishi, Y. see Y. Ito (415) 285  
 Imoto, K. see Y. Nakashima (417) 157  
 Inagaki, N., T. Gonoi and S. Seino, Subunit stoichiometry of the pancreatic  $\beta$ -cell ATP-sensitive K $^+$  channel (409) 232  
 Inageda, K. see W. Masuda (405) 104  
 Inal, M. see S. Sentürk (416) 286  
 Inana, G. see M.J. McLaren (412) 21  
 Infante, V.M. see A. Cuéllar (411) 365  
 Ingledew, W. see D.J.B. Hunter (412) 43  
 Inokuchi, K. see A. Kato (412) 183  
 Inoue, G. see J. Matsuda (418) 200  
 Inoue, H. see Md.R. Islam (415) 352  
 Inoue, H. see S. Kuwamoto (409) 242  
 Inoue, K. see A. Hosomi (409) 105  
 Inoue, K. see I. Morishima (419) 83  
 Inoue, M. see M. Nishikawa (415) 341  
 Inoue, M. see Y. Sawada (400) 177  
 Inoue, M. see M. Tanaka (402) 219  
 Inoue, M. see M. Yano (419) 244  
 Inoue, M. see H. Yu (409) 161  
 Inouye, M. see Y. Hidaka (400) 238  
 Inouye, M. see H. Udo (400) 188  
 Inouye, S. see H. Udo (400) 188  
 Inubushi, R. see R.A. Furuta (415) 231  
 Inubushi, R. see M. Kawamura (415) 227  
 Inui, H. see W. Masuda (405) 104  
 Inui, K. see S. Masuda (407) 127  
 Inuo, C. see R. Nomura (415) 139  
 Inzé, D. see L. De Veylder (412) 446  
 Inzé, D. see H. Stals (418) 229  
 Inzé, D. see G. Vansuyt (410) 195  
 Iourgenko, V., B. Klot, M.J. Cann and L.R. Levin, Cloning and characterization of a *Drosophila* adenylyl cyclase homologous to mammalian type IX (413) 104  
 Ip, N.Y. see J.F. Yang (403) 163  
 Irimura, T. see A. Satoh (405) 107  
 Iritani, N. see H. Fukuda (406) 243  
 Irminger, J.-C. see Y. Rouillé (413) 119  
 Irmler, M., K. Hofmann, D. Vaux and J. Tschoep, Direct physical interaction between the *Caenorhabditis elegans* 'death proteins' CED-3 and CED-4 (406) 189  
 Irving, N.G. see U. Wagner (411) 369  
 Isaev, N.K. see U. Bruer (414) 117  
 Isaksson, L.A. see S. Mottagui-Tabar (414) 165  
 Isambert, M.-F. see C. Sagné (417) 177  
 Ishibashi, A. see A. Kawada (408) 43  
 Ishibashi, M. see Y. Hayashi (406) 147  
 Ishibashi, S. see K. Harada (411) 63  
 Ishida, C. see T. Hirayama (413) 16  
 Ishida, R. see K. Aoki (401) 109  
 Ishida, R. see M. Iwai (406) 267  
 Ishida, Y. see Y. Sako (415) 329  
 Ishidate, T., S. Yoshihara, Y. Kawasaki, B.C. Roy, K. Toyoshima and T. Akiyama, Identification of a novel nuclear localization signal in Sam68 (409) 237  
 Ishihara, H. and I. Tanaka, Detection and cloning of unique integration sites of retrotransposon, intracisternal A-particle element in the genome of acute myeloid leukemia cells in mice (418) 205  
 Ishihara, H. see T. Murata (406) 109  
 Ishii, K. see M. Okochi (418) 162  
 Ishii, S. see D.-X. Hou (413) 60  
 Ishii, S. see M. Shimmoto (417) 89  
 Ishii, S. see Y. Tanaka (413) 162  
 Ishii, T. see H. Sato (405) 219  
 Ishii, T. see J. Zhao (408) 271  
 Ishikawa, D. see T. Taki (418) 219  
 Ishikawa, K. see S.D. Dib-Hajj (416) 11  
 Ishikawa, Y. see T. Ebina (401) 223  
 Ishikawa, Y. see T. Ebina (411) 393  
 Ishimoto, I. see Y. Saishin (414) 381  
 Ishiyama, Y. see K. Kuwasako (414) 105  
 Ishizaka, Y. see M. Shimura (417) 379  
 Ishizaki, T. see S. Narumiya (410) 68  
 Ishizaki, T., M. Naito, K. Fujisawa, M. Maekawa, N. Watanabe, Y. Saito and S. Narumiya, p160<sup>ROCK</sup>, a Rho-associated coiled-coil forming protein kinase, works downstream of Rho and induces focal adhesions (404) 118  
 Ishizaki, Y. see T. Niwa (407) 297  
 Islam, K. see B. Pedrotti (403) 123  
 Islam, Md.R., A. Ueno, H. Nishikawa, T. Nagata and H. Inoue, Corrigendum to: Osteotropic factor-stimulated synthesis of thrombospondin in rat dental pulp cells (FEBS 17489) [FEBS Letters 393 (1996) 193-196] (415) 352  
 Isobe, M. see K. Takahashi (401) 202  
 Isobe, T. see T. Ichimura (413) 273  
 Isogai, Y. see M. Ota (415) 129  
 Issartel, J.-P. see H. Duborjal (405) 345

- Issinger, O.-G. see B. Boldyreff (403) 197  
 Itagaki, C. see T. Ichimura (413) 273  
 Itahara, Y. see Y. Takei (414) 377  
 Itakura, H., Y. Oda and K. Fukuyama, Binding mode of benzhydroxamic acid to *Arthomyces ramosus* peroxidase shown by X-ray crystallographic analysis of the complex at 1.6 Å resolution (412) 107  
 Itaya, M. see N. Doi (402) 177  
 Ito, A. see K. Imada (417) 337  
 Ito, A. see S. Tsuda (409) 227  
 Ito, A.S. see E.J.X. Costa (416) 103  
 Ito, H., H. Tsuchimochi, Y. Tada and Y. Kurachi, Phosphorylation-independent inhibition by intracellular cyclic nucleotides of brain inwardly rectifying K<sup>+</sup> current expressed in *Xenopus* oocytes (402) 12  
 Ito, J. see Y. Huang (400) 94  
 Ito, K. see T. Homma (408) 11  
 Ito, M. see T. Ichimura (413) 273  
 Ito, T. see W. Liu (420) 103  
 Ito, T. see T. Suzuki (404) 192  
 Ito, T. see Y. Yamamoto (412) 461  
 Ito, Y. see Y. Toyoda (415) 281  
 Ito, Y., O.H. Kwon, M. Ueda, A. Tanaka and Y. Imanishi, Bactericidal activity of human lysozymes carrying various lengths of polyproline chain at the C-terminus (415) 285  
 Ito, Y., S. Kondo, G. Chen and Y. Imanishi, Patterned artificial juxtacrine stimulation of cells by covalently immobilized insulin (403) 159  
 Itoh, H. see J. Matsuda (418) 200  
 Itoh, H. see T. Nishiya (408) 33  
 Itoh, K. see M. Shimmoto (417) 89  
 Itoh, N., M. Yoshida, T. Miyamoto, H. Ichinose, H. Wariishi and H. Tanaka, Fungal cleavage of thioether bond found in Yperite (412) 281  
 Itoh, S. see I. Fujii (410) 131  
 Itskovitch, E.L. see I.B. Leshchinskaya (404) 241  
 Ittnner, K.P. see M. Bucher (412) 511  
 Iuvone, T. see F. D'Acquisto (418) 175  
 Ivanov, A., A. Askari and N.N. Modyanov, Structural analysis of the products of chymotryptic cleavage of the E1 form of Na,K-ATPase  $\alpha$ -subunit: identification of the N-terminal fragments containing the transmembrane H<sub>1</sub>-H<sub>2</sub> domain (420) 107  
 Ivanov, I.G. see I.I. Timcheva (405) 141  
 Ivanov, V.T. see E.Yu. Blishchenko (414) 125  
 Ivanov, V.T. see Yu.M. Kokoz (411) 71  
 Ivanova, T.V. see V.N. Uversky (410) 280  
 Ivaschenko, T.E. see A.V. Zelenin (414) 319  
 Ivell, R. see P. Koskimies (419) 186  
 Iwabe, N. see H. Suga (412) 540  
 Iwahashi, H. see K. Ozaki (412) 297  
 Iwahashi, H., K. Obuchi, S. Fujii and Y. Komatsu, Effect of temperature on the role of Hsp104 and trehalose in barotolerance of *Saccharomyces cerevisiae* (416) 1  
 Iwai, M., A. Hara, T. Andoh and R. Ishida, ICRF-193, a catalytic inhibitor of DNA topoisomerase II, delays the cell cycle progression from metaphase, but not from anaphase to the G1 phase in mammalian cells (406) 267  
 Iwamoto, M. see N. Kinto (404) 319  
 Iwamoto, M. see K. Shimono (420) 54  
 Iwanaga, T. see T. Fukuwatari (414) 461  
 Iwane, A.H., T. Funatsu, Y. Harada, M. Tokunaga, O. Ohara, S. Morimoto and T. Yanagida, Single molecular assay of individual ATP turnover by a myosin-GFP fusion protein expressed in vitro (407) 235  
 Iwasaki, T. and T. Oshima, A stable intermediate product of the archaeal zinc-containing 7Fe ferredoxin from *Sulfolobus* sp. strain 7 by artificial oxidative conversion (417) 223  
 Iwase, S. see N. Kubo (409) 177  
 Iwata, K. see M. Tanaka (402) 219  
 Iwatsuru, M. see K. Maruyama (413) 177  
 Izaguirre, V., J.M. Fernández-Fernández, V. Ceña and C. González-García, Tricyclic antidepressants block cholinergic nicotinic receptors and ATP secretion in bovine chromaffin cells (418) 39  
 Izawa, M. see S. Osada (404) 227  
 Izui, K. see Y. Ueno (417) 57  
 Izumi, Y. see S. Kuwamoto (409) 242  
 Jäckel, M., C. Witt, O. Antonova, I. Curdt, S. Labeit and H. Jockusch, Deletion in the Z-line region of the titin gene in a baby hamster kidney cell line, BHK-21-Bi (408) 21  
 Jackson, P. and G. Yardley, Distinct distal and proximal p53-binding sites in the MCK promoter govern the transcriptional response to p53 (406) 271  
 Jacob, C. see K. Di Gleria (400) 155  
 Jacob, J.M. see T. Tabatabaie (407) 148  
 Jacobi, A. see R. Rossmann (406) 249  
 Jacobsson, L. see E. Rosengren (417) 85  
 Jacoby, J.J., H.-P. Schmitz and J.J. Heinisch, Mutants affected in the putative diacylglycerol binding site of yeast protein kinase C (417) 219  
 Jacquemin-Sablon, H. see O. Boussadia (420) 20  
 Jacquemin-Sablon, H. see S. Deschamps (412) 495  
 Jacques, Y. see B. Lebeau (407) 141  
 Jacques, Y. see E. Lippert (417) 292  
 Jacquet, M. see S. Hermann-Le Denmat (403) 95  
 Jacquot, J.-P., J. Lopez-Jaramillo, M. Miginiac-Maslow, S. Lemaire, J. Cherfils, A. Chueca and J. Lopez-Gorge, Cysteine-153 is required for redox regulation of pea chloroplast fructose-1,6-bisphosphatase (401) 143  
 Jacquot, J.-P., M. Stein, A. Suzuki, S. Liottet, G. Sandoz and M. Miginiac-Maslow, Residue Glu-91 of *Chlamydomonas reinhardtii* ferredoxin is essential for electron transfer to ferredoxin-thioredoxin reductase (400) 293  
 Jadan, A.P. see V.M. Travkin (407) 69  
 Jadot, M. see R. Wattiaux (417) 199  
 Jaffard, R. see V. Enderlin (412) 629  
 Jäger, M. and A. Plückthun, The rate-limiting steps for the folding of an antibody scFv fragment (418) 106  
 Jahnke-Dechent, W. see T. Schinke (412) 559  
 Jahns, P. see M. Haumann (410) 243  
 Jakes, R. see M. Goedert (409) 57  
 Jakobs, K.H. see J. Keller (403) 299  
 Jakobs, K.H. see D. Meyer zu Heringdorf (410) 34  
 James, P. see A. Negro (412) 359  
 James, R.F.L. see W.M. Macfarlane (413) 304  
 Jameson, D.M. see M.K. Helms (408) 67  
 Jami, J. see R.L. Joshi (401) 99  
 Jan, L.Y. see C.-L. Huang (405) 291  
 Jan, Y.N. see C.-L. Huang (405) 291  
 Janknecht, R. see I. Bredemeier-Ernst (408) 47  
 Jann, A. see D. Schmid (414) 590  
 Jänne, O.A. see A. Moilanen (412) 355  
 Jans, D.A., L.J. Briggs, S.E. Gustin, P. Jans, S. Ford and I.G. Young, A functional bipartite nuclear localisation signal in the cytokine interleukin-5 (406) 315  
 Jans, D.A., L.J. Briggs, S.E. Gustin, P. Jans, S. Ford and I.G. Young, The cytokine interleukin-5 (IL-5) effects cotransport of its receptor subunits to the nucleus in vitro (410) 368  
 Jans, P. see D.A. Jans (406) 315  
 Jans, P. see D.A. Jans (410) 368  
 Jans, S.W.S. see H. Speijer (402) 193  
 Jansson, M., J. Dixelius, M. Uhlen and B.O. Nilsson, Binding affinities of insulin-like growth factor-I (IGF-I) fusion proteins to IGF binding protein 1 and IGF-I receptor are not correlated with mitogenic activity (416) 259  
 Jaquinod, M. see I. Michaud-Soret (413) 473  
 Jarchau, Th. see R. Stricker (405) 229  
 Jarmuszkiewicz, W., A.M. Wagner, M.J. Wagner and L. Hryniewiecka, Immunological identification of the alternative oxidase of *Acanthamoeba castellanii* mitochondria (411) 110  
 Jarvis, S.M. see P. Vergani (405) 337  
 Jarvis, W., K.L. Auer, M. Spector, G. Kunos, S. Grant, P. Hylemon, R. Mikkelsen and P. Dent, Positive and negative regulation of JNK1 by protein kinase C and p42<sup>MAPkinase</sup> in adult rat hepatocytes (412) 9  
 Jasinska, R. see P. Makowski (409) 292  
 Jasko, M.V. see B.I. Martynov (410) 423  
 Jaton, J.-C. see G.J. Hughes (410) 443  
 Jaye, M. see H.-Y. Lin (411) 389

- Jeeninga, R.E. see R.A. Poot (401) 175  
 Jeffrey, F.M.H. see J.G. Jones (412) 131  
 Jekel, P.A. see G.P. Moiseyev (407) 207  
 Jemth, P. see Y. Bao (410) 210  
 Jenne, D.E., L. Fröhlich, A.M. Hummel and U. Specks, Cloning and functional expression of the murine homologue of proteinase 3: implications for the design of murine models of vasculitis (408) 187  
 Jennings, P.A. see D. Eliezer (417) 92  
 Jensen, A. see T.H. Jensen (414) 50  
 Jensen, T.H., A. Jensen, A.M. Szilvay and J. Kjems, Probing the structure of HIV-1 Rev by protein footprinting of multiple monoclonal antibody-binding sites (414) 50  
 Jepson, I. see M. Skipsey (409) 370  
 Jeronimus-Stratingh, M. see E. Bokma (411) 161  
 Jestin, J.-L. and A. Kempf, Chain termination codons and polymerase-induced frameshift mutations (419) 153  
 Jeyaseelan, K. see G.S. Gendeh (418) 183  
 Ježek, P., M. Modrianský and K.D. Garlid, Inactive fatty acids are unable to flip-flop across the lipid bilayer (408) 161  
 Ježek, P., M. Modrianský and K.D. Garlid, A structure activity study of fatty acid interaction with mitochondrial uncoupling protein (408) 166  
 Jiang, L.-Z. see L. Ma (403) 91  
 Jiang, S.-Y. see T.-C. Chang (415) 11  
 Jiang, Y. see J. Han (403) 19  
 Jiang, Z., R.W. Grange, M.P. Walsh and K.E. Kamm, Adenovirus-mediated transfer of the smooth muscle cell calponin gene inhibits proliferation of smooth muscle cells and fibroblasts (413) 441  
 Jigami, Y. see K. Nakayama (412) 547  
 Jigami, Y. see T. Odani (420) 186  
 Jimi, E. see I. Nakamura (401) 207  
 Jimi, S. see S. Ushiro (418) 341  
 Jin, D. see N. Shiota (406) 301  
 Jin, D.-Y. see X.-Y. Wan (407) 32  
 Jing, G.-Z. see F. Yang (417) 329  
 Jinsmaa, Y. see S. Fukudome (412) 475  
 Joannou, C.L. see I.C. Boulton (414) 409  
 Joannou, C.L. see I.C. Boulton (418) 228  
 Joannou, C.L. see M. Rafiq (407) 132  
 Jöckel, J. see G. Kalhammer (414) 599  
 Jockers, R. see S. Conway (407) 121  
 Jockusch, B.M. see T. Domke (411) 291  
 Jockusch, H. see M. Jäckel (408) 21  
 Johansen, T.E. see P.K. Ahring (415) 67  
 John, N. see J.G. Mabley (417) 235  
 Johnson, D.G. see S.V. Gulnik (413) 379  
 Joly, A. see S. Meyer (413) 354  
 Joly, G.A., M. Ayres and R.G. Kilbourn, Potent inhibition of inducible nitric oxide synthase by geldanamycin, a tyrosine kinase inhibitor, in endothelial, smooth muscle cells, and in rat aorta (403) 40  
 Jones, A. see M. Vihinen (413) 205  
 Jones, D. see K.-C. Chou (419) 49  
 Jones, D.L. and L.V. Kochian, Aluminum interaction with plasma membrane lipids and enzyme metal binding sites and its potential role in Al cytotoxicity (400) 51  
 Jones, G. see M.F. Symmons (412) 397  
 Jones, J.G., R. Naidoo, A. Sherry, F.M.H. Jeffrey, G. Cottam and C.R. Malloy, Measurement of gluconeogenesis and pyruvate recycling in the rat liver: a simple analysis of glucose and glutamate isotopomers during metabolism of [1,2,3-<sup>13</sup>C<sub>3</sub>]propionate (412) 131  
 Jones, K.T. see R. Gangeswaran (412) 309  
 Jonsson, B.-H. see G. Aronsson (411) 359  
 Jonsson, B.-H. see P. Billsten (402) 67  
 Jonsson, B.-H. see N.L. Davydova (415) 155  
 Jonsson, B.-H. see P. Hammarström (420) 63  
 Jonsson, B.-H. see J. Unge (411) 53  
 Joost, H.G. see S. Wandel (413) 495  
 Joosten, M.H.A.J. see J. Vervoort (404) 153  
 Jordan, D. see A. Andersson (400) 173  
 Jordan, P.A., A.J. Thomson, E.T. Ralph, J.R. Guest and J. Green, FNR is a direct oxygen sensor having a biphasic response curve (416) 349  
 Jorgensen, P.L. see P.A. Pedersen (400) 206  
 Jornot, L., H. Petersen and A.F. Junod, Modulation of the DNA binding activity of transcription factors CREP, NFκB and HSF by H<sub>2</sub>O<sub>2</sub> and TNFα. Differences between in vivo and in vitro effects (416) 381  
 Jörnvall, H. see A.-C. Bergman (417) 17  
 Jörnvall, H. see R.M. Bolton (406) 216  
 Jörnvall, H. see L. Hjelmqvist (416) 99  
 Joshi, R.L., B. Lamothe, D. Bucchini and J. Jami, Genetically engineered mice as animal models for NIDDM (401) 99  
 Jouault, T. see P.A. Trinel (416) 203  
 Jouvenot, M. see B. Desvoves (410) 303  
 Juin, M. see C. Devaux (412) 456  
 Jung, C. see C. Mouro (414) 203  
 Jung, C. see I. Schlichting (415) 253  
 Jung, G. see Y.H. Kim (401) 267  
 Jung, J. see D. Kim (409) 273  
 Jungblut, P. see W. Kallow (414) 74  
 Junge, W. see S. Engelbrecht (414) 485  
 Junge, W. see M. Haumann (410) 243  
 Jungermann, K. see F. Neuschäfer-Rube (401) 185  
 Jungermann, K. see H.L. Schieferdecker (406) 305  
 Jungermann, K. see F. Stümpel (406) 119  
 Jungermann, K. see F. Stümpel (410) 515  
 Junker, V. see K. Akama (417) 213  
 Junod, A.F. see L. Jornot (416) 381  
 Jürgens, M. see L. Ständker (420) 129  
 Just, W.W. see B. Pause (414) 95  
 Just, W.W. see T.-P. Thai (420) 205  
 Justesen, J. see K. Turpaev (408) 177  
 Juteau, M. see J.-L. Schwartz (410) 397  
 Jüttner, S. see R. Mischke (414) 226  
 Juvonen, V. see A. Majander (412) 351  
 Juvvadi, S., X. Fan, G.T. Nagle and L.D. Fricker, Characterization of *Aplysia* carboxypeptidase E (408) 195
- ## K
- Kaca, W. see A. Ziolkowski (411) 221  
 Kadowaki, K. see N. Kubo (413) 40  
 Kadowaki, T. see C. Kumagai (412) 211  
 Kadyrov, F.A., M.G. Shlyapnikov and V.M. Kryukov, A phage T4 site-specific endonuclease, SegE, is responsible for a non-reciprocal genetic exchange between T-even-related phages (415) 75  
 Kaestner, K.H. see H. Ton-That (419) 239  
 Kagoshima, M. see Y. Mori (406) 310  
 Kahlert, S. see C. Grohé (416) 107  
 Kahn, A. see M.-H. Cuif (417) 81  
 Kaido, T., S. Yamaoka, S. Seto, N. Funaki, T. Kasamatsu, J. Tanaka, T. Nakamura and M. Imamura, Continuous hepatocyte growth factor supply prevents lipopolysaccharide-induced liver injury in rats (411) 378  
 Kajava, A.V. see M.A. Nesmeyanova (403) 203  
 Kajiyama, G. see E. Kinoshita (407) 343  
 Kakalis, L.T. see M.A. McCornack (414) 84  
 Kakehi, M. see K. Kohda (407) 280  
 Kakiuchi, N. see D. Vishnuvardhan (402) 209  
 Kakkar, V.V. see L.-P. Berg (403) 83  
 Kakkar, V.V. see D.M. Brennan (413) 70  
 Kakkar, V.V. see D.M. Brennan (419) 166  
 Kakudo, S. see Y. Mori (406) 310  
 Kakuma, T. see T. Masaki (418) 323  
 Kalaidzidis, I.V. and A.D. Kaulen, Cl<sup>-</sup>-dependent photovoltage responses of bacteriorhodopsin: comparison of the D85T and D85S mutants and wild-type acid purple form (418) 239  
 Kalhammer, G., M. Bähler, F. Schmitz, J. Jöckel and C. Block, Ras-binding domains: predicting function versus folding (414) 599  
 Kalinichenko, L.P. see E.A. Permyakov (405) 273  
 Kalinin, A.E. see M.A. Nesmeyanova (403) 203  
 Kalkkinen, N. see E. Roine (417) 168  
 Kallow, W., T. Neuhofer, B. Arezi, P. Jungblut and H. von Döhren, Penicillin biosynthesis: intermediates of biosynthesis of δ-L-α-aminoadipyl-L-cysteinyl-D-valine formed by ACV synthetase from *Acremonium chrysogenum* (414) 74  
 Kalman, B. see P. Hammarström (420) 63  
 Kalmes, A. see C. Hagemann (403) 200

- Kalmykova, A.I., A.A. Dobritsa and V.A. Gvozdev, The *Su(Ste)* repeat in the Y chromosome and  $\beta$ CK2es gene encode predicted isoforms of regulatory  $\beta$ -subunit of protein kinase CK2 in *Drosophila melanogaster* (416) 164
- Kalurachchi, K. see E.P. Nikonowicz (415) 109
- Kalus, W., R. Baumgartner, C. Renner, A. Noegel, F.K.M. Chan, A. Winoto and T.A. Holak, NMR structural characterization of the CDK inhibitor p19<sup>INK4d</sup> (401) 127
- Kalyanaraman, B. see J. Vázquez-Vivar (403) 127
- Kambayashi, Y. see Y. Yamamoto (412) 461
- Kambe, T. see M. Murakami (413) 249
- Kametani, F. see M. Okochi (418) 162
- Kamikubo, Y., Y. Nakahara, S. Takemoto, T. Hamuro, S. Miyamoto and A. Funatsu, Human recombinant tissue-factor pathway inhibitor prevents the proliferation of cultured human neonatal aortic smooth muscle cells (407) 116
- Kaminsky, Yu.G. see E.A. Kosenko (410) 309
- Kamio, Y. see H. Nariya (415) 96
- Kamio, Y. see N. Sugawara (410) 333
- Kamm, K.E. see Z. Jiang (413) 441
- Kamo, N. see K. Shimono (420) 54
- Kämpe, O. see G. Gebre-Medhin (412) 439
- Kampermann, J. see S. Lehr (415) 1
- Kanai, Y. see N. Utsunomiya-Tate (416) 312
- Kanaoka, Y., S.H. Kimura, I. Okazaki, M. Ikeda and H. Nojima, GAK: a cyclin G associated kinase contains a tensin/auxilin-like domain (402) 73
- Kanaori, K., D. Ohta and A.Y. Nosaka, Effect of excess cadmium ion on the metal binding site of cabbage histidinol dehydrogenase studied by <sup>113</sup>Cd-NMR spectroscopy (412) 301
- Kanayama, N. see K. Imada (417) 337
- Kanazawa, A. see D.M. Kramer (417) 275
- Kanazawa, M. see K. Terada (403) 309
- Kanda, T. see Y. Sawada (400) 177
- Kane, B.P. see S.V. Gulnik (413) 379
- Kanegasaki, S. see Y. Nakajima (415) 64
- Kanehiko, H. see K. Ikuta (414) 338
- Kanfer, J.N. see I.N. Singh (405) 65
- Kang, C. see G. Webster (411) 313
- Kang, C. see G. Webster (415) 351
- Kang, C. see G. Webster (416) 387
- Kang, I.-J. see J.-H. Kim (406) 93
- Kang, J.S. see H.M. Kim (412) 201
- Kang, M.-S. see D.H. Shin (413) 495
- Kang, M.-S. see S.J. Yoo (412) 57
- Kang, Y.K. and S.H. Yoo, Identification of the secretory vesicle membrane binding region of chromogranin A (404) 87
- Kang, Y.K. see S.H. Yoo (406) 259
- Kangas, H. see T. Paunio (406) 49
- Kangawa, K. see K. Kuwasako (414) 105
- Kano, I. see Y. Yokoyama (412) 153
- Kano, K. see Y. Yokoyama (412) 153
- Kanse, S.M. see L. Ständker (420) 129
- Kanyshkova, T.G., D.V. Semenov, D.Yu. Khlimankov, V.N. Buneva and G.A. Nevinsky, DNA-hydrolyzing activity of the light chain of IgG antibodies from milk of healthy human mothers (416) 23
- Kapas, S., D.W. Brown, P.M. Farthing and E. Hagi-Pavli, Adrenomedullin has mitogenic effects on human oral keratinocytes: involvement of cyclic AMP (418) 287
- Kapelari, K. see S. Geley (402) 36
- Kaplotis, S., M. Hermann, I. Held, A. Mühl and B. Gmeiner, Tyrosine: an inhibitor of LDL oxidation and endothelial cell cytotoxicity initiated by superoxide/nitric oxide radicals (409) 223
- Kaplan, O., J. Ruiz-Cabello and J.S. Cohen, In vitro cytotoxic effects of tumor necrosis factor- $\alpha$  in human breast cancer cells may be associated with increased glucose consumption (406) 175
- Kaplan, S. see A.A. Yeliseev (403) 10
- Kaplow, J. see H.-Y. Lin (411) 389
- Kaptein, A. see F. Volpe (419) 41
- Kapurniotu, A. see R. Mischke (414) 226
- Karagianni, N. see F. Gounari (413) 371
- Karahalil, B. see S. Sentürk (416) 286
- Karamyshev, A.L. see M.A. Nesmeyanova (403) 203
- Karamysheva, Z.N. see M.A. Nesmeyanova (403) 203
- Karas, R.H. see C. Grohé (416) 107
- Karczewski, P. see L.G. Baltas (409) 131
- Karelin, A.A. see E.Yu. Blishchenko (414) 125
- Karger, E.M. see Y.P. Rubtsov (413) 135
- Karlsson, K.F. see B. Walse (412) 115
- Karlsson, R. see C. Björkregren-Sjögren (418) 258
- Karnauchov, I., R.G. Herrmann and R.B. Klösgen, Transmembrane topology of the Rieske Fe/S protein of the cytochrome *b<sub>6</sub>/f* complex from spinach chloroplasts (408) 206
- Karschin, A. see C. Karschin (401) 59
- Karschin, C., C. Ecke, F.M. Ashcroft and A. Karschin, Overlapping distribution of K<sub>ATP</sub> channel-forming Kir6.2 subunit and the sulfonylurea receptor SUR1 in rodent brain (401) 59
- Kasai, M. see K. Aoki (401) 109
- Kasamatsu, T. see T. Kaido (411) 378
- Kase, R. see M. Shimmoto (417) 89
- Kashiba, M. see H. Yu (409) 161
- Kashparov, I.A. see A.K. Surin (405) 260
- Kashuba, V.I., R.Z. Gizatullin, A.I. Protopopov, R. Allikmets, S. Korolev, J. Li, F. Boldog, K. Tory, V. Zabarovska, Z. Marcsek, J. Sumegi, G. Klein, E.R. Zabarovsky and L. Kisselev, *Nor1* linking/jumping clones of human chromosome 3: mapping of the TFRC, RAB7 and HAUSP genes to regions rearranged in leukemia and deleted in solid tumors (419) 181
- Kassel, D. see G. Di Paolo (416) 149
- Kastrup, J.S. see B.B. Nielsen (412) 388
- Kasuga, M. see G.I. Welsh (410) 418
- Katada, T. see W. Masuda (405) 104
- Katagata, Y. and S. Kondo, Keratin expression and its significance in five cultured melanoma cell lines derived from primary, recurrent and metastasized melanomas (407) 25
- Katagiri, H. see Y. Fukushima (409) 283
- Katagiri, H. see T. Murata (406) 109
- Katagiri, T. see K. Mizuno (417) 6
- Katan, M.B. see P.C.H. Hollman (418) 152
- Kataoka, H. see N. Kinto (404) 319
- Kataoka, M. see M. Hoshino (416) 72
- Katayama, T. see A. Ohba (404) 125
- Katayama, Y. see T. Furukawa (403) 111
- Kato, A. see H. Arima (415) 114
- Kato, A., F. Ozawa, Y. Saitoh, K. Hirai and K. Inokuchi, *ves1*, a gene encoding VASP/Ena family related protein, is upregulated during seizure, long-term potentiation and synaptogenesis (412) 183
- Kato, G. and S. Maeda, High-level expression of human c-Src can cause a spherical morphology without loss of anchorage-dependent growth of NIH3T3 cells (411) 317
- Kato, J. see K. Kuwasako (414) 105
- Kato, M. see H. Yaku (408) 337
- Kato, S. see K. Fukuda (412) 290
- Kato, H. see H. Hizaki (414) 323
- Kato, I. see M. Yoshizumi (419) 255
- Katokhin, A.V. see E.M. Baricheva (414) 285
- Katsu, M. see H. Sawada (412) 521
- Katsuki, M., K. Tokuraku, H. Nakagawa, H. Murofushi and S. Kotani, The 'assembly-promoting sequence region' of microtubule-associated protein 4 failed to promote microtubule assembly (418) 35
- Katsura, Y. see A. Satoh (405) 107
- Katsuzaki, T. see T. Niwa (407) 297
- Kauffmann, H.F. see P.J. Andrew (408) 319
- Kaulen, A.D. see I.V. Kalaidzidis (418) 239
- Kaulen, A.D. see A.N. Radionov (409) 137
- Kavsan, V.M. see A.Y. Palamarchuk (416) 344
- Kawa, S., S. Kimura, S. Hakomori and Y. Igarashi, Inhibition of chemotactic motility and trans-endothelial migration of human neutrophils by sphingosine 1-phosphate (420) 196
- Kawabe, J. see T. Ebina (401) 223
- Kawabe, J. see T. Ebina (411) 393
- Kawabe, K. see T. Suzuki (404) 192
- Kawada, A., N. Hiura, M. Shiraiwa, S. Tajima, M. Hiruma, K. Hara, A. Ishibashi and H. Takahara, Stimulation of human keratinocyte growth by alginate oligosaccharides, a possible co-factor for epidermal growth factor in cell culture (408) 43
- Kawada, T. see T. Fukuwatari (414) 461
- Kawamura, M. see R.A. Furuta (415) 231
- Kawamura, M., R. Shimano, R. Inubushi, K. Amano, T. Ogasawara, H. Akari and A. Adachi, Cleavage of Gag precursor is required for early replication phase of HIV-1 (415) 227
- Kawamura, T. see N. Shiota (406) 301
- Kawano, K. see M. Mizuguchi (417) 153
- Kawano, T. see H. Minakata (410) 437
- Kawaoka, Y. see T. Suzuki (404) 192

- Kawasaki, H. see T. Sakai (414) 439
- Kawasaki, K. see H. Yamamoto (417) 196
- Kawasaki, M., Y. Satow, Y. Ohya and Y. Anraku. Protein splicing in the yeast Vma1 proteozyme: evidence for an intramolecular reaction (412) 518
- Kawasaki, S. see T. Yoshida (414) 333
- Kawasaki, Y. see T. Ishidate (409) 237
- Kawashima, H. see Z. Ding (418) 310
- Kawashima, N., K. Takamiya, J. Sun, A. Kitabatake and K. Sobue. Differential expression of isoforms of PSD-95 binding protein (GKAP/SAPAP1) during rat brain development (418) 301
- Kay, B.K. see K.D. Micheva (414) 308
- Kay, B.K. see K.D. Micheva (419) 150
- Kay, C.J., Mechanochemical mechanism for peptidyl free radical generation by amyloid fibrils (403) 230
- Kay, C.M. see J.-R. Alattia (417) 405
- Kay, J. see P.J. Tatnell (408) 62
- Kay, J.E. see T.J. Gaymes (418) 224
- Kaziro, Y. see T. Nishiyama (408) 33
- Ke, G. see V. Wolf (417) 385
- Keddi, N. see Z. Szondi (404) 307
- Keenan, C., N. Goode and C. Pears. Isoform specificity of activators and inhibitors of protein kinase C  $\gamma$  and  $\delta$  (415) 101
- Keilhoff, G. see H. Possel (416) 175
- Keller, J., M. Schmidt, B. Hussein, U. R umenapp and K.H. Jakobs. Muscarinic receptor-stimulated cytosol-membrane translocation of RhoA (403) 299
- Keller, S.R. see D. Malide (409) 461
- Kellerer, M., J. Mushack, H. Mischak and H.U. H aring. Protein kinase C (PKC)  $\epsilon$  enhances the inhibitory effect of TNF $\alpha$  on insulin signaling in HEK293 cells (418) 119
- Kellokumpu-Lehtinen, P. see M. Erhola (409) 287
- Kelly, D.E. see S.L. Kelly (400) 80
- Kelly, D.E. see S.L. Kelly (412) 233
- Kelly, S.L., D.C. Lamb and D.E. Kelly. Sterol 22-desaturase, cytochrome P45061, possesses activity in xenobiotic metabolism (412) 233
- Kelly, S.L., D.C. Lamb, D.E. Kelly, N.J. Manning, J. Loeffler, H. Hebart, U. Schumacher and H. Einsele. Resistance to fluconazole and cross-resistance to amphotericin B in *Candida albicans* from AIDS patients caused by defective sterol  $\Delta^{5,6}$ -desaturation (400) 80
- Keltjens, J.T. see J.L.A. Pennings (410) 235
- Kemmner, W., K. Hohaus and P.M. Schlag. Inhibition of Gal $\beta$ 1,4GlcNAc  $\alpha$ 2,6 sialyltransferase expression by antisense-oligonucleotides (409) 347
- Kemp, B.E. see D. Stapleton (409) 452
- Kempf, A. see J.-L. Jestin (419) 153
- Kempf, T. see T. Glaser (413) 50
- Keniry, M.A. see L.G. Laajoki (420) 97
- Kenny, J.S., W.S. Kisaalita, G. Rowland, C. Thai and T. Foutz. Quantitative study of calcium uptake by tumorigenic bone (TE-85) and neuroblastoma  $\times$  glioma (NG108-15) cells exposed to extremely-low-frequency (ELF) electric fields (414) 343
- Kerr, I.D. see A.L. Grice (405) 299
- Kerr, S.M. see H. Kubota (402) 53
- Kessler, H. see R.M. Gschwind (404) 45
- Keszthelyi, L. see Z. Tokaji (405) 125
- Keung, W.M. see L. Hjelmqvist (416) 99
- Khadake, J.R. and M.R.S. Rao. Preferential condensation of SAR-DNA by histone H1 and its SPKK containing octapeptide repeat motif (400) 193
- Khaitlina, S.Y. see A.V. Maximov (412) 94
- Khalfoun, Y. see M.A. Edeas (418) 15
- Khalil, A. see D. Bonnefont-Rousselot (403) 70
- Khar, A. see B.V.V. Pardhasaradhi (411) 67
- Kharrat, R., P. Mansuelle, F. Sampieri, M. Crest, R. Oughidien, J. Van Rietschoten, M.F. Martin-Eauclaire, H. Rochat and M. El Ayeb. Maurotoxin, a four disulfide bridge toxin from *Scorpio maurus* venom: purification, structure and action on potassium channels (406) 284
- Khattar, M.M., Overexpression of the *hslVU* operon suppresses SOS-mediated inhibition of cell division in *Escherichia coli* (414) 402
- Khatypov, R.A. see A.Ya. Shkuropatov (420) 171
- Khiri, H. see J.-P. Grillasca (401) 38
- Khlumankov, D.Yu. see T.G. Kanyshkova (416) 23
- Khochbin, S. and A.P. Wolffe. The origin and utility of histone deacetylases (419) 157
- Khokha, R. see K.J. Leco (401) 213
- Kholod, N.S., N.V. Pan'kova, S.G. Mayorov, A.I. Krutilina, M.G. Shlyapnikov, L.L. Kisselev and V.N. Ksenzenko. Transfer RNA<sup>Ph</sup> isoacceptors possess non-identical set of identity elements at high and low Mg<sup>2+</sup> concentration (411) 123
- Kholodenko, B.N., J.B. Hoek, H.V. Westerhoff and G.C. Brown. Quantification of information transfer via cellular signal transduction pathways (414) 430
- Kholodenko, B.N., J.B. Hoek, H.V. Westerhoff and G.C. Brown. Corrigendum to: Quantification of information transfer via cellular signal transduction pathways (FEBS 19166) [FEBS Letters 414 (1997) 430-434] (419) 150
- Khor, O.T. see K. Uchida (410) 313
- Khrenov, A.V. see A.V. Alessenko (416) 113
- Kida, H. see T. Suzuki (404) 192
- Kida, M., S. Wakabayashi and A. Ichinose. Characterization of the 5'-flanking regions of plasminogen-related genes A and B (404) 95
- Kido, H. see Y. Okumura (402) 181
- Kido, H. see M. Yano (419) 244
- Kido, R. see S. Toma (408) 5
- Kieffer, F., F. Simon-Plas, B.F. Maume and J.-P. Blein. Tobacco cells contain a protein, immunologically related to the neutrophil small G protein Rac2 and involved in elicitor-induced oxidative burst (403) 149
- Kieffer, S. see H. Duborjal (405) 345
- Kiely, C.M. see T.J. Wess (413) 424
- Kiewitz, A. and H. Wolfes. Mapping of protein-protein interactions between c-myc and its coactivator CBP by a new phage display technique (415) 258
- Kihara, H. see J.-M. Zhou (415) 183
- Kihlberg, J. see B. Walse (412) 115
- Kikkawa, F. see A.A. Thant (406) 28
- Kikkawa, U. see H. Konishi (410) 493
- Kikuchi, A. see K. Matsubara (410) 169
- Kikuchi, J. see N. Kubo (409) 177
- Kikugawa, K., K. Hiramoto, S. Tomiyama and Y. Asano.  $\beta$ -Carotene effectively scavenges toxic nitrogen oxides: nitrogen dioxide and peroxynitrous acid (404) 175
- Kilbourn, R.G. see G.A. Joly (403) 40
- Kilic, F., J. Salas-Marco, J. Garland and M. Sinensky. Regulation of prelamin A endoprotease activity by prelamin A (414) 65
- Kilimann, M.W. see X. Wang (402) 57
- Killian, A.J. see W. van Klompenburg (413) 109
- Kilosanidze, G.T. see I.N. Berezovsky (404) 140
- Kilpel inen, I. see I.M. Helander (409) 457
- Kim, B.-C. and J.-H. Kim. Role of Rac GTPase in the nuclear signaling by EGF (407) 7
- Kim, B.-C. see J.-H. Kim (406) 93
- Kim, B.-C., C.-J. Lim and J.-H. Kim. Arachidonic acid, a principal product of Rac-activated phospholipase A<sub>2</sub>, stimulates c-fos serum response element via Rho-dependent mechanism (415) 325
- Kim, B.-S. see M. Mukaide (407) 51
- Kim, D., Y.-S. Kim and J. Jung. Involvement of soluble proteinous factors in auxin-induced modulation of P-type ATPase in rice (*Oryza sativa* L.) seedlings (409) 273
- Kim, H.M., G.T. Oh, D.H. Hong, M.S. Kim, J.S. Kang, S.M. Park and S.B. Han. MDR-1 gene expression is a minor factor in determining the multidrug resistance phenotype of MCF7/ADR and KB-V1 cells (412) 201
- Kim, J.-H. see B.-C. Kim (407) 7
- Kim, J.-H. see B.-C. Kim (415) 325
- Kim, J.-H., H.-J. Kwack, S.-E. Choi, B.-C. Kim, Y.-S. Kim, I.-J. Kang and C.C. Kumar. Essential role of Rac GTPase in hydrogen peroxide-induced activation of c-fos serum response element (406) 93
- Kim, J.I. see K. Sato (414) 480
- Kim, M.S. see H.M. Kim (412) 201
- Kim, M.S. see C.B. Park (411) 173
- Kim, S. and Y. Lee. Function of the repeated sequence in the 3' flanking region of the *Escherichia coli rnpB* gene on transcription termination and RNA processing (407) 353
- Kim, S.C. see C.B. Park (411) 173
- Kim, S.-H. see Y.-I. Chi (414) 327
- Kim, S.-H. see J.-H. Lim (406) 142
- Kim, Y.H., H.Y. Yoo, M.S. Chang, G. Jung and H.M. Rho. C/EBP $\alpha$  is a major activator for the transcription of rat Cu/Zn superoxide dismutase gene in liver cell (401) 267
- Kim, Y.-S. see D. Kim (409) 273
- Kim, Y.-S. see J.-H. Kim (406) 93

- Kimoto, S. see S. Nishida (416) 69  
 Kimura, K. see J.-M. Zhou (415) 183  
 Kimura, M. see S.-S. Park (400) 103  
 Kimura, S. see S. Kawa (420) 196  
 Kimura, S. see H. Ohtsuka (401) 65  
 Kimura, S.H. see Y. Kanaoka (402) 73  
 Kimura, T. see E. Fujihira (419) 211  
 Kimura, T. see T. Hirata (412) 337  
 Kina, T. see A. Satoh (405) 107  
 King, D.S. see C.H. Lin (407) 243  
 King, L.A. see L.A. Obosi (412) 321  
 King, M.A. see G.P. Brown (412) 35  
 Kingston, D.G.I. see R. Nicholov (405) 73  
 Kingston, R. see K.E. Wells (407) 164  
 Kinoshita, E., N. Handa, K. Hanada, G. Kajiyama and M. Sugiyama, Activation of MAP kinase cascade induced by human pancreatic phospholipase A<sub>2</sub> in a human pancreatic cancer cell line (407) 343  
 Kinoshita, K., T. Waritani, M. Noto, K. Takizawa, Y. Minemoto, A. Nishikawa and S. Ohkuma, Corrigendum to: Bafilomycin A<sub>1</sub> induces apoptosis in PC12 cells independently of intracellular pH (FEBS 17788) [FEBS Letters 398 (1996) 61–66] (403) 112  
 Kinoshita, T. see H. Arima (415) 114  
 Kinscherf, R., R. Claus, H.P. Deigner, O. Nauen, C. Gehrke, A. Hermetter, S. Rußwurm, V. Daniel, V. Hack and J. Metz, Modified low density lipoprotein delivers substrate for ceramide formation and stimulates the sphingomyelin-ceramide pathway in human macrophages (405) 55  
 Kinto, N., M. Iwamoto, M. Enomoto-Iwamoto, S. Noji, H. Ohuchi, H. Yoshioka, H. Kataoka, Y. Wada, G. Yuhao, H.E. Takahashi, S. Yoshiki and A. Yamaguchi, Fibroblasts expressing Sonic hedgehog induce osteoblast differentiation and ectopic bone formation (404) 319  
 Kinzig, A., G. Fürstenberger, F. Bürger, S. Vogel, K. Müller-Decker, A. Mincheva, P. Lichter, F. Marks and P. Krieg, Murine epidermal lipoxygenase (*Aluxe*) encodes a 12-lipoxygenase isoform (402) 162  
 Kipriyanov, S. see H. Dörsam (414) 7  
 Kirby, D.M. see I.G. Macreadie (410) 145  
 Kirillov, S., B.T. Porse, B. Vester, P. Woolley and R.A. Garrett, Movement of the 3'-end of tRNA through the peptidyl transferase centre and its inhibition by antibiotics (406) 223  
 Kirkitadze, M.D. see V.N. Uversky (410) 280  
 Kirpichnikov, M.P. see Z.Kh. Abdullaev (414) 243  
 Kirpichnikov, M.P. see I.I. Agapov (402) 91  
 Kirsch, J. see M. Rammig (405) 137  
 Kirschner, K. see C. Stehlin (403) 268  
 Kisaalita, W.S. see J.S. Kenny (414) 343  
 Kiseleva, V.I. see I.A. Zamulaeva (413) 231  
 Kiselevsky, M.V. see T.S. Golubeva (405) 312  
 Kiselyov, K.L., A.G. Mamin, S.B. Semyonova and G.N. Mozhayeva, Low-conductance high selective inositol (1,4,5)-trisphosphate activated Ca<sup>2+</sup> channels in plasma membrane of A431 carcinoma cells (407) 309  
 Kiser, G.L. see K. Kunzelmann (400) 341  
 Kishi, H., T. Minegishi, M. Tano, Y. Abe, Y. Ibuki and K. Miyamoto, Down-regulation of LH/hCG receptor in rat cultured granulosa cells (402) 198  
 Kishida, M. see T. Sakai (414) 439  
 Kishimoto, T. see I.-S. Lee (401) 133  
 Kishore, R. see Ashish (417) 97  
 Kispal, G., P. Csere, B. Guiard and R. Lill, The ABC transporter Atm1p is required for mitochondrial iron homeostasis (418) 346  
 Kiss, H. see M. Knöfler (405) 213  
 Kiss, Z. and J.J. Mukherjee, Phosphocholine and sphingosine-1-phosphate synergistically stimulate DNA synthesis by a MAP kinase-dependent mechanism (412) 197  
 Kiss, Z. and K.S. Crilly, Alkyl lysophospholipids inhibit phorbol ester-stimulated phospholipase D activity and DNA synthesis in fibroblasts (412) 313  
 Kiss, Z. and W.H. Anderson, Inhibition of phorbol ester-stimulated phospholipase D activity by chronic tamoxifen treatment in breast cancer cells (400) 145  
 Kiss, Z., K.S. Crilly and M. Tomono, Bombesin and zinc enhance the synergistic mitogenic effects of insulin and phosphocholine by a MAP kinase-dependent mechanism in Swiss 3T3 cells (415) 71  
 Kisselev, L. see I.N. Berezovsky (404) 140  
 Kisselev, L. see V.I. Kashuba (419) 181  
 Kisselev, L. see K. Turpaev (408) 177  
 Kisselev, L. see A. Vartanian (415) 160  
 Kisselev, L.L. see N.S. Kholod (411) 123  
 Kissmehl, R., T. Treptau, K. Hauser and H. Plattner, A novel, calcium-inhibitable casein kinase in *Paramecium* cells (402) 227  
 Kissmehl, R., T. Treptau, K. Hauser and H. Plattner, Erratum to: A novel, calcium-inhibitable casein kinase in *Paramecium* cells (FEBS 18145) [FEBS Letters 402 (1997) 227–235] (406) 220  
 Kita, T. see Y. Nakashima (417) 157  
 Kitabatake, A. see N. Kawashima (418) 301  
 Kitabgi, P. see S. Ushiro (418) 341  
 Kitagawa, T. see M. Yoshizumi (419) 255  
 Kitagawa, Y. see C. Kumagai (412) 211  
 Kitagawa, Y. see T. Niimi (400) 71  
 Kitamura, K. see K. Kuwasako (414) 105  
 Kitano, S. see K. Ozaki (410) 297  
 Kitayama, C. see F. Motegi (420) 161  
 Kiuru, S. see T. Paunio (406) 49  
 Kiyose, C. see A. Hosomi (409) 105  
 Kjems, J. see T.H. Jensen (414) 50  
 Klappa, P. see J. Volkmer (406) 291  
 Kleemann, R. see R. Mischke (414) 226  
 Klein, B. see M. Diamant (412) 379  
 Klein, G. see V.I. Kashuba (419) 181  
 Klein, H.W. see H. Al-Hasani (400) 65  
 Klein, M., E. Martinoia and G. Weissenböck, Transport of lucifer yellow CH into plant vacuoles – evidence for direct energization of a sulphonated substance and implications for the design of new molecular probes (420) 86  
 Klempt, M., H. Melkonyan, W. Nacken, D. Wiesmann, U. Holtkemper and C. Sorg, The heterodimer of the Ca<sup>2+</sup>-binding proteins MRP8 and MRP14 binds arachidonic acid (408) 81  
 Kletsas, D. see E. Ottaviani (403) 236  
 Kletsas, S. see B.W. Hazell (414) 353  
 Klimov, V.V., S.V. Baranov and S.I. Allakhverdiev, Bicarbonate protects the donor side of photosystem II against photoinhibition and thermoinactivation (418) 243  
 Kline, A.D., G.W. Becker, L.M. Churgay, B.E. Landen, D.K. Martin, W.L. Muth, R. Rathnachalam, J.M. Richardson, B. Schoner, M. Ulmer and J.E. Hale, Leptin is a four-helix bundle: secondary structure by NMR (407) 239  
 Klot, B. see V. Iourgenko (413) 104  
 Klip, A. see H.Y. Gaisano (414) 298  
 Kloetzel, P.-M. see A. Soza (413) 27  
 Klösigen, R.B. see I. Karnauchov (408) 206  
 Klotz, L.-O., K. Briviba and H. Sies, Singlet oxygen mediates the activation of JNK by UVA radiation in human skin fibroblasts (408) 289  
 Klucar, J. and M. Al-Rubeai, G2 cell cycle arrest and apoptosis are induced in Burkitt's lymphoma cells by the anticancer agent oracin (400) 127  
 Klugbauer, N. see K. Schuhmann (408) 75  
 Klüsener, B., G. Boheim and E.W. Weiler, Modulation of the ER Ca<sup>2+</sup> channel BCC1 from tendrils of *Bryonia dioica* by divalent cations, protons and H<sub>2</sub>O<sub>2</sub> (407) 230  
 Klychnikov, O.I. see A.V. Drabkin (405) 145  
 Klyosov, A. see L. Hjelmqvist (416) 99  
 Knappskog, P.M. and A. Martinez, Effect of mutations at Cys<sup>237</sup> on the activation state and activity of human phenylalanine hydroxylase (409) 7  
 Knappskog, P.M. see H. Erlandsen (406) 171  
 Knäuper, V., A.J.P. Docherty, B. Smith, H. Tschesche and G. Murphy, Analysis of the contribution of the hinge region of human neutrophil collagenase (HNC, MMP-8) to stability and collagenolytic activity by alanine scanning mutagenesis (405) 60  
 Kneip, C., D. Mozley, P. Hildebrandt, W. Gärtner, S.E. Braslavsky and K. Schaffner, Effect of chromophore exchange on the resonance Raman spectra of recombinant phytochromes (414) 23  
 Knippel, P. see J. Volkmer (406) 291  
 Knirel, Y.A. see A. Ziolkowski (411) 221  
 Knockaert, I. see A. Gils (415) 192  
 Knöfel, H.-D. see S.C. Hertel (407) 105  
 Knöfler, M., H. Kiss, B. Mösl, C. Egarter and P. Husslein, Interleukin-1 stimulates tumor necrosis factor- $\alpha$  (TNF- $\alpha$ ) release from cytotrophoblastic BeWo cells independently of induction of the TNF- $\alpha$  mRNA (405) 213  
 Knowland, J. see R. Dunford (418) 87  
 Knox, R. see C. Suphioglu (402) 167

- Knudsen, S.M., J.W. Tams, B.S. Wulff and J. Fahrenkrug, A disulfide bond between conserved cysteines in the extracellular loops of the human VIP receptor is required for binding and activation (412) 141
- Knuehl, C. see A. Soza (413) 27
- Ko, Y.H., M. Delannoy and P.L. Pedersen, Cystic fibrosis, lung infections, and a human tracheal antimicrobial peptide (hTAP) (405) 200
- Kobayashi, D. see T. Hanekamp (415) 40
- Kobayashi, H. see K. Ikuta (414) 338
- Kobayashi, K. see M. Masuda (408) 221
- Kobayashi, K. see H. Yu (409) 161
- Kobayashi, S. see S. Takai (412) 86
- Kobayashi, T. see Y.P. Ching (411) 265
- Kobayashi, Y. see X. Fang (416) 77
- Kobbe, B. see R. Wagener (413) 129
- Kochetkov, S.N. see V.L. Tunitskaya (400) 263
- Kochetov, G.A. see M.V. Kovina (418) 11
- Kochevova, N.V. see M.V. Kovina (418) 11
- Kochian, L.V. see D.L. Jones (400) 51
- Kodama, O. see S. Tamogami (401) 239
- Kodama, O. see S. Tamogami (412) 61
- Kodama, T. see K. Yamamoto (414) 182
- Koehler, C.M. and A.M. Myers, Serine-threonine protein kinase activity of Elm1p, a regulator of morphologic differentiation in *Saccharomyces cerevisiae* (408) 109
- Koenderman, L. see T.B. van Dijk (412) 161
- Koenen, M. see H. Al-Hasani (400) 65
- Kofler, R. see S. Geley (400) 15
- Kofler, R. see S. Geley (402) 36
- Kogan, Ya.N. see A.B. Shevelev (404) 148
- Koh, H.A. see S.S. Huang (416) 297
- Kohda, K., M. Kakehi, Y. Ohtsui, M. Tagaki and T. Imanaka, Studies of high thermostability and peroxidase activity of recombinant antibody L chain-porphyrin Fe(III) complex (407) 280
- Kohfeldt, E., P. Maurer, C. Vannahme and R. Timpl, Properties of the extracellular calcium binding module of the proteoglycan testican (414) 557
- Köhler, M., S. Ansicau, S. Prehn, A. Leutz, H. Haller and E. Hartmann, Cloning of two novel human importin- $\alpha$  subunits and analysis of the expression pattern of the importin- $\alpha$  protein family (417) 104
- Köhler, N. see S. Meyer (413) 354
- Kohlwein, S.D. see A. Leber (411) 211
- Kohlwein, S.D. see W. Wonisch (405) 11
- Kohmura, M. see T. Mizukoshi (413) 409
- Kohno, K. see K. Koike (417) 390
- Kohno, T. see K. Sato (414) 480
- Kohyama-Koganeya, A., M. Watanabe and Y. Hotta, Molecular cloning of a diacylglycerol kinase isozyme predominantly expressed in rat retina (409) 258
- Koide, T. see T. Schinke (412) 559
- Koide, T. see F. Tokunaga (412) 65
- Koide, T. see F. Tokunaga (415) 351
- Koike, K., T. Uchiyama, T. Ohga, S. Toh, M. Wada, K. Kohno and M. Kuwano, Nuclear translocation of the Y-box binding protein by ultraviolet irradiation (417) 390
- Koivisto, A., A. Matthias, G. Bronnikov and J. Nedergaard, Kinetics of the inhibition of mitochondrial respiration by NO (417) 75
- Koizumi, T. see H. Hikiji (410) 238
- Kojima, K. see A. Satoh (405) 107
- Kojima, S. see S. Imai (411) 102
- Kojima, S. see M. Wakiyama (409) 407
- Kojima, S., T. Minagawa and K. Miura, The propeptide of subtilisin BPN<sup>1</sup> as a temporary inhibitor and effect of an amino acid replacement on its inhibitory activity (411) 128
- Kojima, T. see Y. Nagai (418) 23
- Kojo, S. see K. Tanaka (413) 202
- Kokoz, Yu.M., K.I. Zenchenko, A.E. Alekseev, A.F. Korystova, D.A. Lankina, R.H. Ziganshin, I.I. Mikhaleva and V.T. Ivanov, The effect of some peptides from the hibernating brain on Ca<sup>2+</sup> current in cardiac cells and on the activity of septal neurons (411) 71
- Kolarov, J. see P. Polčič (412) 207
- Kolb, H.J. see B. Gerhartz (412) 551
- Kolb-Bachofen, V. see D. Berendji (405) 37
- Kolbesen, B.O. see H. Witt (409) 128
- Kolesnikov, V.A. see A.V. Zelenin (414) 319
- Kolev, K. see R. Machovich (407) 93
- Kolter, T. see T. Wieder (411) 260
- Komano, T. see Y. Taguchi (401) 11
- Komano, T. see Y. Taguchi (413) 142
- Komar, A.A., T. Lesnik, C. Cullin, E. Guillemet, R. Ehrlich and C. Reiss, Differential resistance to proteinase K digestion of the yeast prion-like (Ure2p) protein synthesized in vitro in wheat germ extract and rabbit reticulocyte lysate cell-free translation systems (415) 6
- Komari, T. see S. Ohta (403) 5
- Komatsu, Y. see H. Iwahashi (416) 1
- Komatsuzaki, K., Y. Murayama, U. Giambarella, E. Ogata, S. Seino and I. Nishimoto, A novel system that reports the G-proteins linked to a given receptor: a study of type3 somatostatin receptor (406) 165
- Kominami, K. see M. Okabe (407) 313
- Komura, J., I. Tamai, M. Senmaru, T. Terasaki, Y. Sai and A. Tsuji, Brain-to-blood active transport of  $\beta$ -alanine across the blood-brain barrier (400) 131
- Konda, Y. see H. Hoshino (419) 9
- Kondo, H., M. Takahashi and E. Niki, Peroxynitrite-induced hemolysis of human erythrocytes and its inhibition by antioxidants (413) 236
- Kondo, J. see Y. Hiraki (415) 321
- Kondo, S. see Y. Ito (403) 159
- Kondo, S. see Y. Katagata (407) 25
- Kondrashova, M.N. see E.A. Kosenko (410) 309
- König, S. see A. Dietrich (400) 42
- König, S. see G. Lu (403) 249
- Konishi, H., H. Matsuzaki, M. Tanaka, Y. Takemura, S. Kuroda, Y. Ono and U. Kikkawa, Activation of protein kinase B (Akt/RAC-protein kinase) by cellular stress and its association with heat shock protein Hsp27 (410) 493
- Kono, D.H. see K. Norris (415) 243
- Kono, T. see Y. Hiraki (415) 321
- Kono, Y. see Y. Watanabe (400) 108
- Konstantinov, A.A. see N. Azarkina (416) 171
- Konstantinov, A.A. see T.V. Vygodina (412) 405
- Kopetzki, E. see J. Stürzebecher (412) 295
- Koppenhoefer, U. see B. Brenner (417) 301
- Koppenhoefer, U., B. Brenner, F. Lang and E. Gulbins, The CD40-ligand stimulates T-lymphocytes via the neutral sphingomyelinase: A novel function of the CD40-ligand as signalling molecule (414) 444
- Kopperschlager, G. see G. Birkenmeier (416) 193
- Korb, J., J. Stokrová, J. Říman and A. Šulová, Micromorphology of cytoplasmic nucleoprotein complexes harboring an extrachromosomal DNA closely related to avian myeloblastosis virus core-bound DNA (414) 393
- Korenbaum, E. see C. Björkegren-Sjögren (418) 258
- Koretsky, A.P. see E. O'Gorman (414) 253
- Koretsky, V.V. see F.F. Severin (420) 125
- Körner, L., R. Weber-Nordt, P. Pläff and J. Finke, Analysis of a regulatory element in the 5'-untranslated region of the *bcl-2* gene (406) 31
- Korolev, S. see V.I. Kashuba (419) 181
- Korshunov, S.S., V.P. Skulachev and A.A. Starkov, High protonic potential actuates a mechanism of production of reactive oxygen species in mitochondria (416) 15
- Korth, C. see S. Hornemann (413) 277
- Korth, P., G. Egidy, C. Parnot, J.-M. LeMoullec, P. Corvol and F. Pinet, Construction, expression and characterization of a soluble form of human endothelin-converting-enzyme-1 (417) 365
- Korrt, A.A. see P. Iliades (409) 437
- Korystov, Yu.N. see V.V. Shaposhnikova (410) 285
- Korystova, A.F. see Yu.M. Kokoz (411) 71
- Kosenko, E.A., Yu.G. Kaminsky, I.G. Stavrovskaya, T.V. Sirota and M.N. Kondrashova, The stimulatory effect of negative air ions and hydrogen peroxide on the activity of superoxide dismutase (410) 309
- Koshikawa, N., Y. Nagashima, Y. Miyagi, H. Mizushima, S. Yanoma, H. Yasumitsu and K. Miyazaki, Expression of trypsin in vascular endothelial cells (409) 442
- Koskimies, P., A.-N. Spiess, P. Lahti, I. Huhtaniemi and R. Ivell, The mouse relaxin-like factor gene and its promoter are located within the 3' region of the JAK3 genomic sequence (419) 186
- Kosk-Kosicka, D. see R.N. Reusch (412) 592

- Kosk-Kosicka, D., I. Fomitcheva, M.M. Lopez and R.G. Eckenhoff. Heterogeneous halothane binding in the SR  $\text{Ca}^{2+}$ -ATPase (402) 189
- Kosower, N.S. see H. Gonen (406) 17
- Kosower, N.S. see Y. Zipser (406) 126
- Kostellow, A.B. see G.A. Morrill (408) 191
- Kostka, G. see R. Giltay (411) 164
- Kostoulas, G., A. Lang, B. Trueb and A. Baici. Differential expression of mRNAs for endopeptidases in phenotypically modulated ('dedifferentiated') human articular chondrocytes (412) 453
- Kosugi, S., A. Matsuda, N. Hai, N. Aoki, H. Sugawa and T. Mori. Aspartate-474 in the first exoplasmic loop of the thyrotropin receptor is crucial for receptor activation (406) 139
- Kotake, Y. see T. Tabatabaie (407) 148
- Kotani, S. see M. Katsuki (418) 35
- Kotova, N.V. see A.K. Surin (405) 260
- Koukalová, B., A. Kovařík, J. Fajkus and J. Šíroky. Chromatin fragmentation associated with apoptotic changes in tobacco cells exposed to cold stress (414) 289
- Koutaniemi, S. see M. Vihinen (413) 205
- Kovalenko, D.V. see A.V. Zelenin (414) 319
- Kovařík, A. see B. Koukalová (414) 289
- Kovina, M.V., V.A. Selivanov, N.V. Kochevova and G.A. Kochetov. Kinetic mechanism of active site non-equivalence in transketolase (418) 11
- Kowalska, M. see D.J. Butcher (409) 183
- Kowluru, A. and S.A. Metz. Ceramide-activated protein phosphatase-2A activity in insulin-secreting cells (418) 179
- Kox, W.J. see T. Volk (415) 169
- Koyama, M. see N. Shiohara (406) 301
- Koyama, S. see K. Matsubara (410) 169
- Koyama, T. see S. Osada (404) 227
- Koyanagi, M. see H. Suga (412) 540
- Kozak, C.A. see K.M. Huttner (413) 45
- Kozawa, O., H. Tokuda, H. Matsuno and T. Uematsu. Activation of mitogen-activated protein kinase is involved in sphingosine 1-phosphate-stimulated interleukin-6 synthesis in osteoblasts (418) 149
- Kozian, D.H. and H.G. Augustin. Transcriptional regulation of the Ras-related protein TC21/R-Ras2 in endothelial cells (414) 239
- Kozikowski, A.P. see R.A. Wilcox (402) 241
- Kozuki, D. see F. Tokunaga (412) 65
- Kozuki, D. see F. Tokunaga (415) 351
- Kracht, M. see A. Finch (418) 144
- Krady, M.-M., S. Freyermuth, P. Rogue and A.N. Malviya. Pervanadate elicits proliferation and mediates activation of mitogen-activated protein (MAP) kinase in the nucleus (412) 420
- Krafft, B. see U. Wilden (415) 268
- Kram, A.M. see F.A. Salomons (411) 133
- Kramarova, L. see G. Bronnikov (407) 73
- Kramell, R. see S.C. Hertel (407) 105
- Kramell, R., O. Miersch, B. Hause, B. Ortel, B. Parthier and C. Wasternack. Amino acid conjugates of jasmonic acid induce jasmonate-responsive gene expression in barley (*Hordeum vulgare* L.) leaves (414) 197
- Kramer, D.M., A. Kanazawa and D. Fleischman. Oxygen dependence of photosynthetic electron transport in a bacteriochlorophyll-containing rhizobium (417) 275
- Kramer, R.M. and J.D. Sharp. Structure, function and regulation of  $\text{Ca}^{2+}$ -sensitive cytosolic phospholipase A2 (cPLA2) (410) 49
- Kramerov, D. see M.A. Cohn (403) 181
- Kramerova, I.A. see V.E. Alatorsev (413) 197
- Kraner, I. see W. Wonisch (405) 11
- Krasilnikov, O.V. see C.M.M. Carneiro (416) 187
- Krasnikov, B.F., A.E. Kuzminova and D.B. Zorov. The  $\text{Ca}^{2+}$ -induced pore opening in mitochondria energized by succinate-ferricyanide electron transport (419) 137
- Krause, E. see J. Oehlke (415) 196
- Krause, E. see T. Wiprecht (417) 135
- Krause, E.-G. see L.G. Baltas (409) 131
- Krauth-Siegel, R.L. see M. Dormeyer (414) 449
- Krautwald, S. see T. Reimann (403) 57
- Krayevsky, A.A. see B.I. Martynov (410) 423
- Kreber, C. see G. Pedrazzi (415) 289
- Kreienkamp, H.-J., H.-H. Hönek and D. Richter. Coupling of rat somatostatin receptor subtypes to a G-protein gated inwardly rectifying potassium channel (GIRK1) (419) 92
- Kreil, G. see M.F. Meyer (413) 385
- Kreivi, J.-P., L. Trinkle-Mulcahy, C.E. Lyon, N.A. Morrice, P. Cohen and A.I. Lamond. Purification and characterisation of p99, a nuclear modulator of protein phosphatase 1 activity (420) 57
- Krell, H.W. see E.N. Baramova (405) 157
- Kremnický, L. see P. Biely (420) 121
- Kress, L.F. see M. Cirilli (418) 319
- Kreutzer, R. see A. Lechler (420) 139
- Krieg, P. see A. Kinzig (402) 162
- Krishnakumari, V. see N. Sitaram (400) 289
- Krishnan, V.V. see M.R. Hileman (415) 145
- Kroemer, G. see S. Hortelano (410) 373
- Krolewski, J.J. see S. Uddin (403) 31
- Kröncke, K.-D. see D. Berendji (405) 37
- Krotkiewski, H., M. Duk, D. Syper, H. Lis, N. Sharon and E. Lisowska. Blood group MN-dependent difference in degree of galactosylation of O-glycans of glycophorinA is restricted to the GalNAc residues located on amino acid residues 2–4 of the glycophorin polypeptide chain (406) 296
- Kruining, J. see J. Balzarini (410) 324
- Kruse, O., D. Zheleva and J. Barber. Stabilization of photosystem two dimers by phosphorylation: Implication for the regulation of the turnover of D1 protein (408) 276
- Krusell, L., I. Rasmussen and K. Gausung. DNA binding sites recognised in vitro by a knotted class I homeodomain protein encoded by the *hooded* gene, *k*, in barley (*Hordeum vulgare*) (408) 25
- Krutilina, A.I. see N.S. Kholod (411) 123
- Krylova, O. see J.A. Davies (410) 378
- Kryukov, V.M. see F.A. Kadyrov (415) 75
- Ksenzenko, V.N. see N.S. Kholod (411) 123
- Ksenzenko, V.N. see M.A. Nesmeyanova (403) 203
- Kuang, J. see S. Che (413) 417
- Kube-Granderath, E. see S. Linder (417) 33
- Kubitz, R. see R. Sinning (400) 163
- Kubo, H. see Y. Yokoyama (412) 153
- Kubo, N. and K. Kadowaki. Involvement of 5' flanking sequence for specifying RNA editing sites in plant mitochondria (413) 40
- Kubo, N., J. Kikuchi, Y. Furukawa, T. Sakai, H. Ohta, S. Iwase, H. Yamada and I. Sakurabayashi. Regulatory effects of aggregated LDL on apoptosis during foam cell formation of human peripheral blood monocytes (409) 177
- Kubota, H., G.M. Hynes, S.M. Kerr and K.R. Willison. Tissue-specific subunit of the mouse cytosolic chaperonin-containing TCP-1 (402) 53
- Kubota, K. see L.C. Packman (400) 45
- Kubota, M. see S. Sano (411) 327
- Kuchler, K. see H. Wolfger (418) 269
- Kudelina, I. see F. Fleury (406) 151
- Kudo, I. see M. Murakami (413) 249
- Kudo, Y. see H. Higashi (414) 55
- Kudoh, T. see Y. Murata (409) 41
- Kudryavtsev, A.A. see V.V. Shaposhnikova (410) 285
- Kudryavtseva, N.N. see T.G. Amstislavskaya (406) 106
- Kudva, Y.C., H.J. Hiddinga, P.C. Butler, C.S. Mueske and N.L. Eberhardt. Small heat shock proteins inhibit in vitro  $\text{A}\beta_{1-42}$  amyloidogenesis (416) 117
- Kuhn, F. and A.-C. Andres. *pmg-1*, a novel gene specifically expressed during the invasive growth phase of the mammary gland at puberty (413) 65
- Kühn, H. see I. Feussner (406) 1
- Kühn, K. see R. Pollner (405) 31
- Kühnemann, F. see J. Piel (416) 143
- Kuhnt, M. see P.M. Bork (402) 85
- Kuiper, G.G.J.M. and J.-A. Gustafsson. The novel estrogen receptor- $\beta$  subtype: potential role in the cell- and promoter-specific actions of estrogens and anti-estrogens (410) 87
- Kuma, K. see H. Suga (412) 540
- Kumagai, C., T. Kadowaki and Y. Kitagawa. Disulfide-bonding between *Drosophila* laminin  $\beta$  and  $\gamma$  chains is essential for  $\alpha$  chain to form  $\alpha\beta\gamma$  trimer (412) 211
- Kumar, C.C. see J.-H. Kim (406) 93
- Kumar, M. see K. Ramani (404) 164
- Kumar, P.K.R. see D. Vishnuvardhan (402) 209
- Kumashiro, T. see S. Ohta (403) 5
- Kume, S. see Y. Yatomi (417) 341
- Kumegawa, M. see Y. Mori (406) 310
- Kumon, H. see K. Tomochika (404) 61

- Kun, J. see B. Brenner (417) 301
- Küng, M., B. Stadelmann, U. Brodbeck and P. Bütikofer, Addition of G418 and other aminoglycoside antibiotics to mammalian cells results in the release of GPI-anchored proteins (409) 333
- Kungl, A.J. see P.J. Andrew (408) 319
- Kunkel, L.M. see Y. Chan (410) 153
- Kunos, G. see W. Jarvis (412) 9
- Kunzelmann, K., G.L. Kiser, R. Schreiber and J.R. Riordan, Inhibition of epithelial Na<sup>+</sup> currents by intracellular domains of the cystic fibrosis transmembrane conductance regulator (400) 341
- Kuperstein, V. see M. Ligumsky (413) 436
- Kurachi, Y. see H. Ito (402) 12
- Kurilova, S. see S. Awaeva (410) 502
- Kuroda, S. see H. Konishi (410) 493
- Kurokawa, M. see T. Masaki (418) 323
- Kurokawa, T. see Y. Mori (406) 310
- Kurokawa, T. see I. Nakamura (401) 207
- Kuroki, T. see M. Nishikawa (415) 341
- Kuroki, Y., T. Honma, H. Chiba, H. Sano, M. Saitoh, Y. Ogasawara, H. Sohma and T. Akino, A novel type of binding specificity to phospholipids for rat mannose-binding proteins isolated from serum and liver (414) 387
- Kuromori, T. see T. Hirayama (413) 16
- Kurosaki, F., Role of inward K<sup>+</sup> channel located at carrot plasma membrane in signal cross-talking of cAMP with Ca<sup>2+</sup> cascade (408) 115
- Kurreck, J. see S.G. Zech (414) 454
- Kurreck, J., A. Garbers, F. Parak and G. Renger, Highly purified D1/D2/cyt b559 preparations from spinach do not contain the non-heme iron center (403) 283
- Kurrle, R. see M. Radrizzani (411) 87
- Kürschner, T. see H. Dörsam (414) 7
- Kurtz, A. see M. Bucher (412) 511
- Kusunoki, T. see S. Nishida (416) 69
- Kuvshinov, V. see A.B. Shevelev (404) 148
- Kuwahara, H. see T. Fujisawa (414) 79
- Kuwahara, T. see K. Mori (417) 371
- Kuwamoto, S., H. Inoue, Y. Tone, Y. Izumi and T. Tanabe, Inverse gene expression of prostacyclin and thromboxane synthases in resident and activated peritoneal macrophages (409) 242
- Kuwano, M. see K. Koike (417) 390
- Kuwano, M. see S. Ushiro (418) 341
- Kuwasako, K., K. Kitamura, Y. Ishiyama, H. Washimine, J. Kato, K. Kangawa and T. Eto, Purification and characterization of PAMP-12 (PAMP[9–20]) in porcine adrenal medulla as a major endogenous biologically active peptide (414) 105
- Kuwayama, H. see P.J.M. van Haastert (410) 25
- Kuzminova, A.E. see B.F. Krasnikov (419) 137
- Kuznetsov, I.B., P.S. Morozov and Y.G. Matushkin, Prion proteins: evolution and preservation of secondary structure (412) 429
- Kvassman, J.-O. see J. Nord (414) 271
- Kvingedal, A.M. and E.B. Smeland, A novel putative G-protein-coupled receptor expressed in lung, heart and lymphoid tissue (407) 59
- Kwack, H.-J. see J.-H. Kim (406) 93
- Kwiatkowska, K. see A. Strzelecka (400) 11
- Kwon, O.H. see Y. Ito (415) 285
- Lacal, J.C. see A. Di Donato (419) 63
- Lacorte, J.-M., A. Beigneux, M. Parant and J. Chambaz, Repression of apoC-III gene expression by TNF $\alpha$  involves C/EBP $\delta$ /NF-IL6 $\beta$  via an IL-1 independent pathway (415) 217
- Lacourse, K.A., L. Friis-Hansen, J.F. Rehfeld and L.C. Samuelson, Disturbed progastrin processing in carboxypeptidase E-deficient *fat* mice (416) 45
- Lacroix, C. see M. Mota-Meira (410) 275
- Ladenstein, R. see N. Cols (413) 191
- Ladokhin, A.S. see Z.M. Petrushenko (407) 13
- Ladram, A., J.-J. Montagne, P. Nicolas and M. Bulant, Specific binding sites for rat prepro-TRH-(160–169) on C6 glioma and BN1010 clonal neural cells (403) 287
- Laezza, C., J. Wolff and M. Bifulco, Identification of a 48-kDa prenylated protein that associates with microtubules as 2',3'-cyclic nucleotide 3'-phosphodiesterase in FRTL-5 cells (413) 260
- Laffi, G. see F. Marra (414) 221
- Lafuente, M.J., T. Petit and C. Gancedo, A series of vectors to construct *lacZ* fusions for the study of gene expression in *Schizosaccharomyces pombe* (420) 39
- Lahat, N. see M. Mukaide (407) 51
- Lahti, P. see P. Koskimies (419) 186
- Lai, F.-P. see M.-L. Tsaor (417) 208
- Laippala, P. see J. Leinonen (417) 150
- Lakey, J.H. see I. Gokce (411) 201
- Lakowicz, J.R. see T. den Blaauwen (416) 35
- Lamarche, I. see F. Bono (416) 243
- Lamb, D.C. see S.L. Kelly (400) 80
- Lamb, D.C. see S.L. Kelly (412) 233
- Lamb, D.J. see L.C. Bourne (414) 576
- LaMendola, J., S.K. Martin and D.F. Steiner, Expression of PC3, carboxypeptidase E and enkephalin in human monocyte-derived macrophages as a tool for genetic studies (404) 19
- Lammers, J.-W.J. see T.B. van Dijk (412) 161
- Lammers, R., N.P.H. Möller and A. Ullrich, The transmembrane protein tyrosine phosphatase  $\alpha$  dephosphorylates the insulin receptor in intact cells (404) 37
- Lamminen, T. see A. Majander (412) 351
- Lamond, A.I. see J.-P. Kreivi (420) 57
- Lamothe, B. see R.L. Joshi (401) 99
- Lamotte-Brasseur, J. see P. Ledent (413) 194
- Lamy-Freund, M. see E.J.X. Costa (416) 103
- Land, J.M. see P.S. Brookes (416) 90
- Landen, B.E. see A.D. Kline (407) 239
- Landl, K. see T. Beilharz (407) 220
- Landman, O., I. Borovok, Y. Aharonowitz and G. Cohen, The glutamine ligand in the ferrous iron active site of isopenicillin N synthase of *Streptomyces jumonjinensis* is not essential for catalysis (405) 172
- Lando, Z. see Y. Yung (408) 292
- Landriscina, M. see M.E. De Leo (403) 131
- Lanfranchi, G. see G. Valle (415) 163
- Lang, A. see G. Kostoulas (412) 453
- Lang, F. see B. Brenner (417) 301
- Lang, F. see U. Koppenhoefer (414) 444
- Lang, F. see H. Suessbrich (414) 435
- Lang, F. see B. Wagenknecht (409) 17
- Lang, J., H. Zhang, V.-V. Vaidyanathan, K. Sadoul, H. Niemann and C.B. Wollheim, Transient expression of botulinum neurotoxin C1 light chain differentially inhibits calcium and glucose induced insulin secretion in clonal  $\beta$ -cells (419) 13
- Langer, J.A. see E.C. Cutrone (404) 197
- Langlois, M. see O. Blondel (412) 465
- Lankelma, J. see J.H. Hooijberg (413) 344
- Lankina, D.A. see Yu.M. Kokoz (411) 71
- Lanni, A., M. De Felice, A. Lombardi, M. Moreno, C. Fleury, D. Ricquier and F. Goglia, Induction of UCP<sub>2</sub> mRNA by thyroid hormones in rat heart (418) 171
- Lanz, R. see R.M. Gschwind (404) 45
- Lapalu, S., C. Moisand, H. Mazarguil, G. Cambois, C. Mollereau and J.-C. Meunier, Comparison of the structure-activity relationships of nociceptin and dynorphin A using chimeric peptides (417) 333
- Lapenna, D., S. de Gioia, G. Ciofani and F. Cuccurullo, Antioxidant activity of allopurinol on copper-catalysed human lipoprotein oxidation (409) 265
- LaPointe, G. see M. Mota-Meira (410) 275
- Laprade, R. see J.-L. Schwartz (412) 270

# L

- L'Hoir, C. see E.N. Baramova (405) 157
- Laaajoki, L.G., E. Le Breton, G.K. Shooter, J.C. Wallace, G.L. Francis, J.A. Carver and M.A. Keniry, Secondary structure determination of [<sup>15</sup>N]-labelled human Long-[Arg-3]-insulin-like growth factor 1 by multidimensional NMR spectroscopy (420) 97
- Labbé, E. see A.F. Monroy (410) 206
- Labeit, S. see M. Jäkel (408) 21
- Labia, R. see W. Bouhedja (412) 39
- Labidalle, S. see M.A. Edeas (418) 15
- Lacal, J.C., Regulation of proliferation and apoptosis by Ras and Rho GTPases through specific phospholipid-dependent signaling (410) 73

- Largman, C. see Y. Oda (414) 140
- Larionova, N.I., I.P. Gladysheva and D.P. Gladyshev, Human leukocyte elastase inhibition by Bowman-Birk soybean inhibitor. Discrimination of the inhibition mechanisms (404) 245
- Larreta-Garde, V. see H. Berry (408) 324
- Larsen, I.K. see B.B. Nielsen (412) 388
- Larsson, G. see J. Nord (414) 271
- Larsson, O. see R. Bränström (411) 301
- Larsson, O. see M. Hjertman (416) 235
- Lasa, M. see A. Chiloeches (401) 68
- Lasierra, P. see S. Gamen (417) 360
- Lasorsa, F.M. see L. Palmieri (417) 114
- Latchman, D.S. see R.D. Gay (416) 135
- Latour, J.-M. see I. Michaud-Soret (413) 473
- Latypov, R.F. see Z.Kh. Abdullaev (414) 243
- Lau, J.Y.N. see M. Mukaide (407) 51
- Laurent, M., Autocatalytic processes in cooperative mechanisms of prion diseases (407) 1
- Laurent, P. see B. Miloux (401) 163
- Lauri, S. see J. Helin (412) 637
- Lauritzen, I. see F. Lesage (402) 28
- Laursen, R.A. see G. Deng (402) 17
- Lauterburg, B.H. see T.M. Visarius (412) 157
- Lavoie, M.C. see M. Mota-Meira (410) 275
- Lavoine, A. see A. Yassad (413) 81
- Lavrov, S.A. see V.E. Alatorsev (413) 197
- Law, G.J. see M. Rupnik (411) 356
- Law, R.E. see K. Graf (400) 119
- Law, R.E. see X.-P. Xi (417) 283
- Lawler, S. see M. Goedert (409) 57
- Lawler, S., A. Cuenda, M. Goedert and P. Cohen, SKK4, a novel activator of stress-activated protein kinase-1 (SAPK1/JNK) (414) 153
- Lawrence Jr., J.C. see P.H. Scott (409) 171
- Lawson, M.F. see I. Rahman (411) 393
- Lawther, H. see H.L. Packer (409) 37
- Lazarus, L.H. see A. Capasso (417) 141
- Lazdunski, M. see F. Lesage (402) 28
- Le Balle, F. see F. Gaits (410) 54
- Le Breton, E. see L.G. Laajoki (420) 97
- Le Caer, J.-P. see S. Deschamps (412) 495
- Le Fur, G. see C. Serradeil-Le Gal (404) 185
- Le Gouill, C., J.-L. Parent, M. Rola-Pleszczynski and J. Stanková, Role of the Cys<sup>90</sup>, Cys<sup>95</sup> and Cys<sup>173</sup> residues in the structure and function of the human platelet-activating factor receptor (402) 203
- le Maire, M. see S. Deschamps (412) 495
- Le Provost, F. see M. Lkhider (401) 117
- Lê, K.-T., M. Paquet, D. Nouel, K. Babinski and P. Séguéla, Primary structure and expression of a naturally truncated human P2X ATP receptor subunit from brain and immune system (418) 195
- Leake, D.S. see L.C. Bourne (414) 576
- Leake, D.S. see A.J. Rodríguez-Malaver (406) 37
- Leatham, A.J.C. see S.A. Brooks (415) 346
- Lebeau, B., F.A. Montero Julian, J. Wijdenes, G. Müller-Newen, H. Dahmen, M. Chérel, P.C. Heinrich, H. Brailly, M.-M. Hallet, A. Godard, S. Minvielle and Y. Jacques, Reconstitution of two isoforms of the human interleukin-11 receptor and comparison of their functional properties (407) 141
- Leber, A., P. Fischer, R. Schneider, S.D. Kohlwein and G. Daum, The yeast *mic2* mutant is defective in the formation of mannosyl-diinositolphosphorylceramide (411) 211
- Leboulch, P. see D. Liger (406) 157
- Lechler, A. and R. Kreutzer, Domains of phenylalanyl-tRNA synthetase from *Thermus thermophilus* required for aminoacylation (420) 139
- Leclerc, S. see O. Blondel (412) 465
- Leco, K.J., S.S. Apte, G.T. Taniguchi, S.P. Hawkes, R. Khokha, G.A. Schultz and D.R. Edwards, Murine tissue inhibitor of metalloproteinases-4 (*Timp-4*): cDNA isolation and expression in adult mouse tissues (401) 213
- Ledent, P., C. Duez, M. Vanhove, A. Lejeune, E. Fonze, P. Charlier, F. Rhazi-Filali, I. Thamm, G. Guillaume, B. Samyn, B. Devreese, J. Van Beeumen, J. Lamotte-Brasseur and J.-M. Frère, Unexpected influence of a C-terminal-fused His-tag on the processing of an enzyme and on the kinetic and folding parameters (413) 194
- Ledesma, A. see E. Batanero (410) 293
- Lee, I., C. Zhao, Y. Cho, S.S.L. Harwig, E.L. Cooper and R.I. Lehrer, Clavanins,  $\alpha$ -helical antimicrobial peptides from tunicate hemocytes (400) 158
- Lee, I.H. see C. Zhao (412) 144
- Lee, I.-S., Y. Liu, M. Narazaki, M. Hibi, T. Kishimoto and T. Taga, Vav is associated with signal transducing molecules gp130, Grb2 and Erk2, and is tyrosine phosphorylated in response to interleukin-6 (401) 133
- Lee, J.H. see C.B. Park (411) 173
- Lee, M.E. see C.J. Chastain (413) 169
- Lee, S.B. see Z. Mělková (403) 273
- Lee, T.-H. see C.-F. Weng (405) 91
- Lee, Y. see S. Kim (407) 353
- Lees, W.E. see P.J. Tatnell (408) 62
- Lefranc, D. see N. Sergeant (412) 578
- Legrand, Y. see F. Lindenmeyer (418) 19
- Legrand, Y. see V. Trochon (418) 6
- Legros, C., E. Feyfant, F. Sampieri, H. Rochat, P.E. Bougis and M.-F. Martin-Eauclaire, Influence of a NH<sub>2</sub>-terminal extension on the activity of KTX2, a K<sup>+</sup> channel blocker purified from *Androctonus australis* scorpion venom (417) 123
- Legros, C., P.E. Bougis and M.-F. Martin-Eauclaire, Genomic organization of the KTX<sub>2</sub> gene, encoding a 'short' scorpion toxin active on K<sup>+</sup> channels (402) 45
- Lehane, D.B. see K.J. Armour (411) 145
- Lehr, S., M. Herbst, J. Kampermann, R. Greger and S. Ullrich, Adrenaline inhibits depolarization-induced increases in capacitance in the presence of elevated [Ca<sup>2+</sup>]<sub>i</sub> in insulin secreting cells (415) 1
- Lehrer, R.I. see I. Lee (400) 158
- Lehrer, R.I. see C. Zhao (410) 490
- Lehrer, R.I. see C. Zhao (412) 144
- Lehtimäki, T. see J. Leinonen (417) 150
- Leigh, L.A.E. see N.J. Lynch (418) 111
- Leinonen, J., T. Lehtimäki, S. Toyokuni, K. Okada, T. Tanaka, H. Hiai, H. Ochi, P. Laippala, V. Rantalaiho, O. Wirta, A. Pasternack and H. Alho, New biomarker evidence of oxidative DNA damage in patients with non-insulin-dependent diabetes mellitus (417) 150
- Leis, H.-J. see E. Malle (419) 215
- Lejeune, A. see P. Ledent (413) 194
- Lekakh, I.V. see I.A. Zamulaeva (413) 231
- Lemaire, S. see J.-P. Jacquot (401) 143
- Lemaire, S. see G. Lizard (419) 276
- Lemoine, S. see D. Sellos (407) 153
- LeMoullec, J.-M. see P. Korth (417) 365
- Lenaz, G. see M.L. Genova (410) 467
- Lendeckel, U. see Th. Wex (412) 53
- Lengronne, A. see S. Germain (407) 177
- Lenouvel, F. see R. Cerdan (408) 235
- Léon, C., B. Hechler, C. Vial, C. Leray, J.-P. Cazenave and C. Gachet, The P2Y<sub>1</sub> receptor is an ADP receptor antagonized by ATP and expressed in platelets and megakaryoblastic cells (403) 26
- León, J. see A.F. Quincoces (416) 317
- Leone, A. see P. Remondelli (416) 254
- Leontievsky, A., N. Myasoedova, N. Pozdnyakova and L. Golovleva, 'Yellow' laccase of *Panus tigrinus* oxidizes non-phenolic substrates without electron-transfer mediators (413) 446
- Leopold, I. see K. Feussner (409) 211
- Lepage, G. see P.A. Trinel (416) 203
- Lepage, J.-F. see R. Capeyrou (415) 200
- Leppänen, A. see J. Helin (412) 637
- Leroy, C. see C. Léon (403) 26
- Lerne, F. see C. Simonot (401) 158
- Lesage, F., I. Lauritzen, F. Duprat, R. Reyes, M. Fink, C. Heurteaux and M. Lazdunski, The structure, function and distribution of the mouse TWIK-1 K<sup>+</sup> channel (402) 28
- Leshchinskaya, I.B., E.V. Shakirov, E.L. Itskovitch, N.P. Balaban, A.M. Mardanova, M.R. Sharipova, M.B. Viryasov, G.N. Rudenskaya and V.M. Stepanov, Glutamyl endopeptidase of *Bacillus intermedius*, strain 3-19 (404) 241
- Lesieur, S. see T. Boukhnikachvili (409) 188
- Leslie, M. see P.E. Di Cesare (412) 249
- Lesnik, T. see A.A. Komar (415) 6
- Lester, T. see M. Vihinen (413) 205
- Letamendia, A. see A. Luque (413) 265
- Leurs, R. see A.E. Alewijnse (419) 171
- Leutner, M. see R.M. Gschwind (404) 45
- Leutz, A. see M. Köhler (417) 104
- Levade, T. see K. Harzer (417) 270

- Levashova, Z.B. see L.A. Balakireva (400) 267
- Levavi-Sivan, B. see B. Skaaning Jensen (420) 191
- Levdikov, V.M. see V.Yu. Lunin (412) 217
- Leventhal, L. see G.P. Brown (412) 35
- Levi, G. see C. Guastadisegni (413) 314
- Levin, L.R. see V. Iourgenko (413) 104
- Levitman, M.Kh. see V.V. Shaposhnikova (410) 285
- Levitt, M.H. see D.A. Middleton (410) 269
- Levitzi, A. see N. Oshero (410) 187
- Lezza, A.M.S., A. Cormio, P. Gerardi, G. Silvestri, S. Servidei, L. Serlenga, P. Cantatore and M.N. Gadaleta, Mitochondrial DNA deletions in oculopharyngeal muscular dystrophy (418) 167
- Li, E. see D. Rong (402) 116
- Li, J. see V.I. Kashuba (419) 181
- Li, P.-F., R. Dietz and R. von Harsdorf, Reactive oxygen species induce apoptosis of vascular smooth muscle cell (404) 249
- Li, S. see D.J. Butcher (409) 183
- Li, X. see Y. Chen (413) 449
- Li, X.F. see X.R. Sheng (413) 429
- Liagre, B., P. Vergne, M. Rigaud and J.L. Beneytout, Expression of arachidonate platelet-type 12-lipoxygenase in human rheumatoid arthritis type B synovialocytes (414) 159
- Lian, J.P. and J.A. Badwey, Activation of the p21-activated protein kinases from neutrophils with an antibody that reacts with the N-terminal region of Pak 1 (404) 211
- Liang, O.D., S. Rosenblatt, G.S. Chhatwal and K.T. Preissner, Identification of novel heparin-binding domains of vitronectin (407) 169
- Liao, J., D. Price and M. Omary, Association of glucose-regulated protein (grp78) with human keratin 8 (417) 316
- Liaw, L. see C. Zhao (410) 490
- Liaw, L. see C. Zhao (412) 144
- Libonati, M. see G. Gotte (415) 308
- Libonati, M. see S. Sorrentino (404) 1
- Lichtenthaler, F.W. see J. Schwender (414) 129
- Lichtenthaler, H.K. see J. Schwender (414) 129
- Lichtenthaler, H.K., J. Schwender, A. Disch and M. Rohmer, Biosynthesis of isoprenoids in higher plant chloroplasts proceeds via a mevalonate-independent pathway (400) 271
- Lichter, P. see F. Gounari (413) 371
- Lichter, P. see A. Kinzig (402) 162
- Lieberherr, M. see W.M. Bente (407) 211
- Liebmann, P. see P.M. Abuja (413) 289
- Liger, D., J.C. vanderSpek, C. Gaillard, C. Cansier, J.R. Murphy, P. Leboulch and D. Gillet, Characterization and receptor specific toxicity of two diphtheria toxin-related interleukin-3 fusion proteins DAB<sub>380</sub>-mIL-3 and DAB<sub>380</sub>-(Gly<sub>4</sub>Ser)<sub>2</sub>-mIL-3 (406) 157
- Ligumsky, M., V. Kuperstein, H. Nechushtan, Z. Zhang and E. Razin, Analysis of cytokine profile in human colonic mucosal FcεR1-positive cells by single cell PCR: inhibition of IL-3 expression in steroid-treated IBD patients (413) 436
- Lillie, H., Folding of the Fab fragment within the intact antibody (417) 239
- Liljas, A. see N.L. Davydova (415) 155
- Liljas, A. see J. Unge (411) 53
- Lill, R. see G. Kispal (418) 346
- Lim, C.-J. see B.-C. Kim (415) 325
- Lim, J.-H., Y.G. Yu, I.-G. Choi, J.-R. Ryu, B.-Y. Ahn, S.-H. Kim and Y.S. Han, Cloning and expression of superoxide dismutase from *Aquifex pyrophilus*, a hyperthermophilic bacterium (406) 142
- Lim, W.B.L. see N.J. Lynch (418) 111
- Lin, C.-H. see C.-Y. Wu (418) 157
- Lin, C.H., C.S. Chen, K.S. Hsu, D.S. King and P.C. Lyu, Role of modified glutamic acid in the helical structure of conantokin-T (407) 243
- Lin, C.-L.S. see D. Rong (402) 116
- Lin, H.-Y., J. Kaplow, M. Jaye and M.J. Hayman, Ligand-binding specificity of human fibroblast growth factor receptor-3IIIc (411) 389
- Lin, L.-Y. see C.-W. Yu (420) 69
- Lin, S. see J. Han (403) 19
- Lindberg, U. see C. Björkegren-Sjögren (418) 258
- Lindenbaum, A. see M.A. Edeas (418) 15
- Lindenmeyer, F., Y. Legrand and S. Menashi, Upregulation of MMP-9 expression in MDA-MB231 tumor cells by platelet granular membrane (418) 19
- Linder, C. see A.-C. Bergman (417) 17
- Linder, M. see M.-L. Mattinen (407) 291
- Linder, S. see A.-C. Bergman (417) 17
- Linder, S., M. Schliwa and E. Kube-Granderath, Expression of *Reticulomyxa filosa* tubulins in *Pichia pastoris*: regulation of tubulin pools (417) 33
- Lindley, I.J.D. see P.J. Andrew (408) 319
- Lindqvist, Y. see A. Andersson (400) 173
- Lindsay, M. see R. Newton (418) 135
- Lindschau, C. see K. Buchner (406) 61
- Lindstad, R.I. and J.S. McKinley-McKee, Reversible inhibition of sheep liver sorbitol dehydrogenase by the antidiabetic drug 2-hydroxymethyl-4-(4-*N,N*-dimethylaminosulfonyl-1-piperazino) pyrimidine (408) 57
- Ling, K. see G. Pei (412) 253
- Link, T.A., The role of the 'Rieske' iron sulfur protein in the hydroquinone oxidation (Q<sub>p</sub>) site of the cytochrome *bcl* complex (412) 257
- Linnertz, H., P. Urbanova and E. Amler, Quenching of 7-chloro-4-nitrobenzo-2-oxa-1,3-diazole-modified Na<sup>+</sup>/K<sup>+</sup>-ATPase reveals a higher accessibility of the low-affinity ATP-binding site (419) 227
- Linnevers, C., S.P. Smeeckens and D. Brömme, Human cathepsin W, a putative cysteine protease predominantly expressed in CD8<sup>+</sup> T-lymphocytes (405) 253
- Liottet, S. see J.-P. Jacquot (400) 293
- Lipkin, V.M. see M. Natchin (411) 179
- Lippert, E., K. Baltensperger, Y. Jacques and S. Hermouet, Gα<sub>16</sub> protein expression is up- and down-regulated following T-cell activation: disruption of this regulation impairs activation-induced cell responses (417) 292
- Lipskaia, L., A. Djiane, N. Defer and J. Hanoune, Different expression of adenylyl cyclase isoforms after retinoic acid induction of P19 teratocarcinoma cells (415) 275
- Liras, A. see R. Catalán (400) 280
- Lis, H. see H. Krotkiewski (406) 296
- Liscovitch, M. see B.-T. Williger (403) 35
- Lisowska, E. see H. Krotkiewski (406) 296
- Lithgow, T. see T. Beilharz (407) 220
- Little, M. see H. Dörsam (414) 7
- Little, P.J. see V. Stepanova (414) 471
- Littlebury, P., J. Watson, T. Williams, G. Beale and M. Rumsby, Protein expression of the epsilon subspecies of protein kinase C ceases as Swiss 3T6 fibroblasts increase in cell density even though message for the protein is still present (400) 304
- Liu, C.Y. see J.H. Pak (404) 283
- Liu, E. see A.A. Thant (406) 28
- Liu, J. see Y. Shen (413) 92
- Liu, S. see S. Wang (417) 43
- Liu, W., R. Takayanagi, T. Ito, K. Oba and H. Nawata, [Phe<sup>21</sup>]big endothelin-1(18-34) and [Ala<sup>31</sup>]big endothelin-1(18-34) inhibit the human endothelin-converting enzyme-1 (ECE-1) expressed in CHO-K1 cells in a different fashion (420) 103
- Liu, X.-Q. and Z. Hu, Identification and characterization of a cyanobacterial DnaX intein (408) 311
- Liu, Y. see I.-S. Lee (401) 133
- Liu, Y. see M.R. Smith (408) 327
- Liu, Y.-K., T. Uemura, A. Nemoto, T. Yabe, N. Fujii, T. Ushida and T. Tateishi, Osteopontin involvement in integrin-mediated cell signaling and regulation of expression of alkaline phosphatase during early differentiation of UMR cells (420) 112
- Liu, Y.-L., V. Emilsson and M.A. Cawthorne, Leptin inhibits glycogen synthesis in the isolated soleus muscle of obese (ob/ob) mice (411) 351
- Livoff, A.F. see H. Cassuto (412) 597
- Lizarbe, M.A.A. see D. Arboledas (416) 217
- Lizard, G., S. Lemaire, S. Monier, S. Gueldry, D. Néel and P. Gambert, Induction of apoptosis and of interleukin-1β secretion by 7β-hydroxycholesterol and 7-ketocholesterol: partial inhibition by Bcl-2 overexpression (419) 276
- Lkhider, M., S. Delpal, F. Le Provost and M. Ollivier-Bousquet, Rat prolactin synthesis by lactating mammary epithelial cells (401) 117
- Llewellyn, D.H. see H.L. Roderick (405) 181
- Llorca, O., S. Marco, J.L. Carrascosa and J.M. Valpuesta, Symmetric GroEL-GroES complexes can contain substrate simultaneously in both GroEL rings (405) 195
- Lo Bello, M. see A.J. Oakley (419) 32
- Löbau, S., J. Weber and A.E. Senior, Nucleotide occupancy of F<sub>1</sub>-ATPase catalytic sites under crystallization conditions (404) 15
- Löbber, K. see C. Grohé (416) 107
- Lodi, T. see E. Ferrari (401) 73

- Loechel, F. see M.E. Durkin (411) 296  
 Loeffler, J. see S.L. Kelly (400) 80  
 Loetscher, P. see U. Forssmann (408) 211  
 Loferer, H. see R. Rossmann (406) 249  
 Loginov, A.S. see A.V. Alessenko (416) 113  
 Lohse, M.J. see S. Müller (401) 25  
 Lohse, M.J. see S. Schröder (401) 243  
 Lokhov, S.G. and D.V. Pyshnyi, Thermodynamic and spectral properties of DNA miniduplexes with the terminal G·A mispairs and 3' or 5' dangling bases (420) 134  
 Lombardi, A. see A. Lanni (418) 171  
 Lomonosov, M.Y. see E.A. Dukhanina (410) 403  
 Lonchamp, M. see G. Ferry (402) 111  
 Londei, M. see L. Maiuri (408) 225  
 Longoni, D. see S. Sozzani (418) 98  
 Lönnberg, H. see G.P. Moiseyev (404) 169  
 Loomes, K.M. and H.E.J. Senior, Bile salt activation of human cholesterol esterase does not require protein dimerisation (405) 369  
 Lopez, F. see G. Vansuyt (410) 195  
 Lopez, M.M. see D. Kosk-Kosicka (402) 189  
 López, T., A.M. López-Colomé and A. Ortega, NMDA receptors in cultured radial glia (405) 245  
 López-Collazo, E., J. Mateo, M.T. Miras-Portugal and L. Boscá, Requirement of nitric oxide and calcium mobilization for the induction of apoptosis in adrenal vascular endothelial cells (413) 124  
 López-Colomé, A.M. see T. López (405) 245  
 López-Fernández, L.A. and J. del Mazo, The cytosolic aldehyde dehydrogenase gene (*Aldh1*) is developmentally expressed in Leydig cells (407) 225  
 Lopez-Gorge, J. see J.-P. Jacquot (401) 143  
 Lopez-Jaramillo, J. see J.-P. Jacquot (401) 143  
 López-Ruiz, P. see A.-M. Valencia (406) 42  
 Lord, J. see J. Zhan (407) 271  
 Lorence, A., A. Darszon and A. Bravo, Amino-peptidase dependent pore formation of *Bacillus thuringiensis* CryI<sub>Ac</sub> toxin on *Trichoplusia ni* membranes (414) 303  
 Loreni, F. and F. Amaldi, Translational control of terminal oligopyrimidine mRNAs requires a specific regulator (416) 239  
 Lorenzo, H.K., D. Farber, V. Germain, O. Acuto and P.M. Alzari, The MBP fusion protein restores the activity of the first phosphatase domain of CD45 (411) 231  
 Lorra, C. see O. Tüscher (419) 271  
 Lory, P. see P. Pellegrin (418) 101  
 Lottspeich, F. see R. Stricker (405) 229  
 Louisot, P. see C. Simonot (401) 158  
 Lounes, K.C. see S.S. Mirshahi (411) 322  
 Lourbakos, A. see M. Prescott (411) 97  
 Lovati, E. see A.G.F. Bernasconi (419) 103  
 Lovey, A.J. see D. Rong (402) 116  
 Lovmand, J. see S.R. Paludan (414) 61  
 Löw, P., K. Bussell, S.P. Dawson, M.A. Billett, R.J. Mayer and S.E. Reynolds, Expression of a 26S proteasome ATPase subunit, MS73, in muscles that undergo developmentally programmed cell death, and its control by ecdysteroid hormones in the insect *Manduca sexta* (400) 345  
 Low, S.Y., M.J. Rennie and P.M. Taylor, Involvement of integrins and the cytoskeleton in modulation of skeletal muscle glycogen synthesis by changes in cell volume (417) 101  
 Lowe, D.G. see J.R. Schoenfeld (414) 263  
 Lowenstein, C.J. see A.R. Amin (410) 259  
 Loweth, A.C., G.T. Williams, J.H.B. Scarpello and N.G. Morgan, Evidence for the involvement of cGMP and protein kinase G in nitric oxide-induced apoptosis in the pancreatic B-cell line. HIT-T15 (400) 285  
 Lowthorpe, S. see D.L. Walshaw (414) 397  
 Loyer, A. see Y.C. Broder (412) 535  
 Lu, C. and S.W. Halvorsen, Channel activators regulate ATP-sensitive potassium channel (KIR6.1) expression in chick cardiomyocytes (412) 121  
 Lu, G., D. Dobritzsch, S. König and G. Schneider, Novel tetramer assembly of pyruvate decarboxylase from brewer's yeast observed in a new crystal form (403) 249  
 Lu, H. see S.S. Mirshahi (411) 322  
 Lu, H. see V. Trochon (418) 6  
 Lu, J. see A. Gils (415) 192  
 Lu, X. see L. Gao (412) 223  
 Lu, Y.-J. see J.-L. Schwartz (412) 270  
 Lu, Z. see D.J. Butcher (409) 183  
 Lubitz, W. see S.G. Zech (414) 454  
 Lucarelli, M., M. Gennarelli, P. Cardelli, G. Novelli, S. Scarpa, B. Dallapiccola and R. Strom, Expression of receptors for native and chemically modified low-density lipoproteins in brain microvessels (401) 53  
 Lucas, F.R. see U. Wagner (411) 369  
 Luchina, N.N. see A.G. Stepchenko (412) 5  
 Luchinat, C. see S. Aono (412) 501  
 Luchinat, C. see I. Bertini (415) 45  
 Ludlam, G.J. and K.J. Rothschild, Similarity of bacteriorhodopsin structural changes triggered by chromophore removal and light-driven proton transport (407) 285  
 Ludwig, B. see A. Hirsch (404) 208  
 Ludwig, B. see H. Witt (409) 128  
 Luini, W. see S. Sozzani (418) 98  
 Luirink, J. see J.-W.L. De Gier (408) 1  
 Luirink, J. see E. de Leeuw (416) 225  
 Lukanidin, E.M. see M.A. Cohn (403) 181  
 Lukanidin, E.M. see E.A. Dukhanina (410) 403  
 Lunardi, J. see H. Duborjal (405) 345  
 Lundell, D. see C.A. Lunn (400) 333  
 Lundgren, R. see L. Hjelmqvist (416) 99  
 Lunin, V.V. see V.Yu. Lunin (412) 217  
 Lunin, V.Yu., V.M. Levnikov, S.V. Shlyapnikov, E.V. Blagova, V.V. Lunin, K.S. Wilson and A.M. Mikhailov, Three-dimensional structure of *Serratia marcescens* nuclease at 1.7 Å resolution and mechanism of its action (412) 217  
 Lunn, C.A., X. Fan, B. Dalie, K. Miller, P.J. Zavodny, S.K. Narula and D. Lundell, Purification of ADAM 10 from bovine spleen as a TNF $\alpha$  convertase (400) 333  
 Luo, Z. see D.J. Butcher (409) 183  
 Lupas, A. see V. Pamnani (404) 263  
 Lupker, J. see B. Miloux (401) 163  
 Luque, A., C. Cabañas, U. Raab, A. Letamendia, E. Páez, L. Herreros, F. Sánchez-Madrid and C. Bernabeu, The use of recombinant vaccinia virus to generate monoclonal antibodies against the cell-surface glycoprotein endoglin (413) 265  
 Luyten, W.H.M.L. see P.J. Groot Kormelink (400) 309  
 Lynch, N.J., K.B.M. Reid, R.H. van den Berg, M.R. Daha, L.A.E. Leigh, B. Ghebrehiwet, W.B.L. Lim and W.J. Schwaebler, Characterisation of the rat and mouse homologues of gC1qBP, a 33 kDa glycoprotein that binds to the globular 'heads' of C1q (418) 111  
 Lyon, C.E. see J.-P. Kreivi (420) 57  
 Lyon-Caen, O. see A. Ménard (413) 477  
 Lysov, Yu.P. see G.P. Moiseyev (404) 169  
 Lysov, Yu.P. see V.L. Tunitskaya (400) 263  
 Lyu, P.C. see C.H. Lin (407) 243

## M

- M'Rabet, L. see J.L. Bos (410) 59  
 Ma, G.-Y. see G.A. Morrill (408) 191  
 Ma, H. see C.A. Weiss (407) 361  
 Ma, L. see G. Pei (412) 253  
 Ma, L., Z.-J. Cheng, G.-H. Fan, Y.-C. Cai, L.-Z. Jiang and G. Pei, Functional expression, activation and desensitization of opioid receptor-like receptor ORL<sub>1</sub> in neuroblastoma × glioma NG108-15 hybrid cells (403) 91  
 Ma, P. see S. Wera (420) 147  
 Maaheimo, H. see J. Helin (412) 637  
 Maaheimo, H. see H. Salminen (419) 220  
 Maammar, M., J.-L. Rodeau and O. Taleb, Permeation and gating of  $\alpha$ 1 glycine-gated channels expressed at low and high density in *Xenopus* oocyte (414) 99  
 Mabilat-Prignon, C. see V. Trochon (418) 6  
 Mabley, J.G., V. Belin, N. John and I.C. Green, Insulin-like growth factor I reverses interleukin-1 $\beta$  inhibition of insulin secretion, induction of nitric oxide synthase and cytokine-mediated apoptosis in rat islets of Langerhans (417) 235  
 Mabrouk, K. see C. Devaux (412) 456

- Mabuchi, I. see F. Motegei (420) 161
- Macaione, S. see R. Ientile (417) 345
- Macaione, V. see R. Ientile (417) 345
- Maccarrone, M. see M. van der Stelt (415) 313
- Maccarrone, M., G.A. Veldink, J.F.G. Vliegthart and A. Finazzi  
Agrò, Ozone stress modulates amine oxidase and lipoxigenase  
expression in lentil (*Lens culinaris*) seedlings (408) 241
- Maccarrone, M., S. Putti and A. Finazzi Agrò, Nitric oxide donors  
activate the cyclo-oxygenase and peroxidase activities of  
prostaglandin H synthase (410) 470
- Macchioni, S. see D. Monti (409) 365
- MacDonald, D.L. see M. Dathe (403) 208
- MacDonald, D.L. see T. Wiprecht (417) 135
- Macfarlane, W.M., H. Cragg, H.M. Docherty, M.L. Read, R.F.L.  
James, A. Aynsley-Green and K. Docherty, Impaired expression of  
transcription factor IUF1 in a pancreatic  $\beta$ -cell line derived from a  
patient with persistent hyperinsulinaemic hypoglycaemia of infancy  
(nesidioblastosis) (413) 304
- Machleidt, W. see B. Gerhartz (412) 551
- Machleidt, W. see C. Randak (410) 180
- Machovich, R., K. Ajtai, K. Kolev and W.G. Owen, Myosin as  
cofactor and substrate in fibrinolysis (407) 93
- Maciag, T. see T. Hla (414) 419
- Macinai, R. see S. Aono (412) 501
- MacIver, F.H. see C.M. Grant (410) 219
- Mack, M. and W. Buckel, Conversion of glutaconate CoA-  
transferase from *Acidaminococcus fermentans* into an acyl-CoA  
hydrolase by site-directed mutagenesis (405) 209
- Mackie, G.O. see A. Craig (413) 215
- Mackin, R.B. see D.J. Cowley (402) 124
- Mackness, B. see M.I. Mackness (416) 377
- Mackness, M.I., B. Mackness, S. Arrol, G. Wood, D. Bhatnagar and  
P.N. Durrington, Presence of paraoxonase in human interstitial  
fluid (416) 377
- MacNee, W. see I. Rahman (411) 393
- MacPhee, C.E., M.A. Perugini, W.H. Sawyer and G.J. Howlett,  
Trifluoroethanol induces the self-association of specific  
amphipathic peptides (416) 265
- Macreadie, I.G., D.R. Thorburn, D.M. Kirby, L.A. Castelli, N.L. de  
Rozario and A.A. Azad, HIV-1 protein Vpr causes gross  
mitochondrial dysfunction in the yeast *Saccharomyces cerevisiae*  
(410) 145
- Madesh, M. and K.A. Balasubramanian, Nitric oxide inhibits  
enterocyte mitochondrial phospholipase D (413) 269
- Mäding, K. see T. Volk (415) 169
- Madon, J., U. Eckhardt, T. Gerloff, B. Stieger and P.J. Meier,  
Functional expression of the rat liver canalicular isoform of the  
multidrug resistance-associated protein (406) 75
- Madrid, R. see B. Morales (402) 259
- Maeda, A. see Y. Nakashima (417) 157
- Maeda, M. see R. Nakagawa (408) 301
- Maeda, M. see T. Yoshida (414) 333
- Maeda, S. see G. Kato (411) 317
- Maeda, S. see M. Takahashi (418) 115
- Maekawa, M. see T. Ishizaki (404) 118
- Maffrand, J.-P. see C. Serradeil-Le Gal (404) 185
- Mafune, K. see M. Takahashi (418) 115
- Magdaleno, L., M. Gasset, J. Varela, A.M. Schambony, C. Urbanke,  
M. Raida, E. Töpfer-Petersen and J.J. Calvete, Biochemical and  
conformational characterisation of HSP-3, a stallion seminal  
plasma protein of the cysteine-rich secretory protein (CRISP)  
family (420) 179
- Mägerlein, M. see D. Hock (400) 221
- Magg, C. see H. Al-Hasani (400) 65
- Magni, G. see A. Amici (419) 263
- Magnino, F. see C. Chapelin (412) 325
- Magnusson, K.-E. see P.W. Wiseman (401) 43
- Maguire, M.T. see S. Wang (411) 225
- Mahatanankoon, C.S. see H. Ton-That (419) 239
- Mahé, Y. see H. Wolfger (418) 269
- Mahéo, K. see J. Antras-Ferry (403) 100
- Mahmood, S. see T. Yoshida (414) 333
- Maier, G. see A.A. Stachora (409) 74
- Maillet, M., D. Morris, M. Gaudry and A. Marquet, The active site  
region of the vitamin K-dependent carboxylase includes both the  
amino-terminal hydrophobic and carboxy-terminal hydrophilic  
domains of the protein (413) 1
- Maione, R. see N. Corbi (417) 71
- Maiti, M.K. see M.W. Crowder (418) 351
- Maitland, N.J. see P.R. Daniels (416) 6
- Maiuri, L., V. Raia, G. De Marco, S. Coletta, G. de Ritis, M. Londei  
and S. Auricchio, DNA fragmentation is a feature of cystic fibrosis  
epithelial cells: a disease with inappropriate apoptosis? (408) 225
- Majander, A., T. Lamminen, V. Juvonen, P. Aula, E. Nikoskelainen,  
M.-L. Savontaus and M. Wikström, Mutations in subunit 6 of the  
 $F_1F_0$ -ATP synthase cause two entirely different diseases (412) 351
- Majer, P. see S.V. Gulnik (413) 379
- Majernik, A. see P. Šmigán (420) 93
- Majoul, I., D. Ferrari and H.-D. Söling, Reduction of protein  
disulfide bonds in an oxidizing environment. The disulfide bridge of  
cholera toxinA-subunit is reduced in the endoplasmic reticulum  
(401) 104
- Makarieva, E.D. see A.V. Alessenko (416) 113
- Makarov, C.A. see M.W. Crowder (418) 351
- Makowski, P., A. Szewczyk, R. Jasińska and S. Piśula, An antagonist  
of ATP-regulated potassium channels, the guanidine derivative U-  
37883A, stimulates the synthesis of phosphatidylserine in rat liver  
endoplasmic reticulum membranes (409) 292
- Malcus-Vocanson, C. see A. Ménard (413) 477
- Maldonado, A.M. see N. de la Fuente (411) 308
- Maldonado, A.M. see N. de la Fuente (420) 17
- Malecaze, F. see S. Manenti (419) 95
- Malfoy, B. see D. Flagiello (415) 263
- Malherbe, P. see D. Alberati-Giani (410) 407
- Malide, D., J.-F. St-Denis, S.R. Keller and S.W. Cushman, Vp165  
and GLUT4 share similar vesicle pools along their trafficking  
pathways in rat adipose cells (409) 461
- Malkevitch, N.V., V.I. Dedukhova, R.A. Simonian, V.P. Skulachev  
and A.A. Starkov, Thyroxine induces cyclosporinA-insensitive,  
 $Ca^{2+}$ -dependent reversible permeability transition pore in rat liver  
mitochondria (412) 173
- Malle, E. see F. Schorsch (414) 507
- Malle, E., A. Bollmann, A. Steinmetz, D. Gamsa, H.-J. Leis and W.  
Sattler, Serum amyloid A (SAA) protein enhances formation of  
cyclooxygenase metabolites of activated human monocytes (419)  
215
- Mallon, B. see A. Morreale (417) 38
- Malloy, C.R. see J.G. Jones (412) 131
- Malminiemi, K. see A. Palomäki (410) 254
- Malmström, S., P. Askerlund and M.G. Palmgren, A calmodulin-  
stimulated  $Ca^{2+}$ -ATPase from plant vacuolar membranes with a  
putative regulatory domain at its N-terminus (400) 324
- Malorni, A. see P. Ferranti (400) 19
- Malorni, W. see D. Monti (409) 365
- Maloy, W. see M. Dathe (403) 208
- Maloy, W. see T. Wiprecht (417) 135
- Malviya, A.N. see M.-M. Kradý (412) 420
- Mamedov, M.D. see K.N. Gourvskaya (414) 193
- Mamin, A.G. see K.I. Kiselyov (407) 309
- Mamone, G. see P. Ferranti (400) 19
- Man, Z.-W. see T. Sato (407) 329
- Manabe, Y. see M. Umeda (403) 313
- Manach, C., C. Morand, C. Demigné, O. Texier, F. Régérat and C.  
Rémésy, Bioavailability of rutin and quercetin in rats (409) 12
- Mancheva, I. see M. Perbandt (412) 573
- Mancini, P. see L. Fucci (407) 101
- Mandel, J.-L. see S. Albet (405) 394
- Mandrand, B. see A. Ménard (413) 477
- Manenti, S., F. Malecaze and J.-M. Darbon, The major myristoylated  
PKC substrate (MARCKS) is involved in cell spreading, tyrosine  
phosphorylation of paxillin, and focal contact formation (419) 95
- Manfait, M. see W. Bouhedja (412) 39
- Mangoni, M.L. see M. Simmaco (416) 273
- Maniak, M. see J. Monnat (418) 357
- Mann, G.E. see H. Sato (405) 219
- Mannaerts, G.P. see K. Croes (407) 197
- Mannaerts, G.P. see K. Croes (412) 643
- Mannervik, B. see Y. Bao (410) 210
- Mannervik, B. see R.M. Bolton (406) 216
- Mannervik, M. and G. Akusjärvi, The transcriptional co-activator  
proteins p300 and CBP stimulate adenovirus E1A conserved region  
1 transactivation independent of a direct interaction (414) 111
- Manning, N.J. see S.L. Kelly (400) 80
- Mano, H. see Y. Mori (406) 310

- Mano, S., K. Yamaguchi, M. Hayashi and M. Nishimura, Stromal and thylakoid-bound ascorbate peroxidases are produced by alternative splicing in pumpkin (413) 21
- Manon, S., B. Chaudhuri and M. Guérin, Release of cytochrome c and decrease of cytochrome c oxidase in Bax-expressing yeast cells, and prevention of these effects by coexpression of Bcl-x<sub>L</sub> (415) 29
- Mansuelle, P. see R. Kharrat (406) 284
- Mansuy, D. see D. Bonnet (409) 216
- Mansuy, D. see A. Renodon (406) 33
- Mantelli, M. see P. Ghiorzo (418) 215
- Mantovani, A. see S. Sozzani (418) 98
- Manzini, S. see A. Ciucci (416) 335
- Maras, M. see A. De Bruyn (405) 111
- Marcandalli, P. see S. Goruppi (415) 59
- Marcandalli, P., M. Gostissa, B. Varnum, S. Goruppi and C. Schneider, Identification and tissue expression of a splice variant for the growth arrest-specific gene *gas6* (415) 56
- Marcel, F. see A. Ménard (413) 477
- Marchenkov, V.V. see A.K. Surin (405) 260
- Marchenkova, S.Yu. see A.K. Surin (405) 260
- Marchetti, M. see M.L. Genova (410) 467
- Marco, S. see O. Llorca (405) 195
- Marcsek, Z. see V.I. Kashuba (419) 181
- Mardanov, A.M. see I.B. Leshchinskaya (404) 241
- Mareel, M. see S. Djelloul (406) 234
- Margis-Pinheiro, M. see L.B. de A. Gerhardt (419) 69
- Marhaba, R., M.-J. Dumaurier, C. Pelassy, M. Batoz, J.F. Peyron, J.-P. Breittmayer and C. Aussel, The protein tyrosine kinase p56lck regulates the serine-base exchange activity in Jurkat T cells (405) 163
- Mariani, E., A. Tarozzi, A. Meneghetti, L. Cattini and A. Facchini, Human osteosarcoma cell susceptibility to natural killer cell lysis depends on CD54 and increases after TNF $\alpha$  incubation (406) 83
- Marin, O. see S. Stocchetto (414) 171
- Marinkovic, S. see M.C. Wahl (414) 492
- Marino, G. see P. Ferranti (400) 19
- Marion, D. see P. Sodano (416) 130
- Markham, A.F. see A.J. Mighell (417) 1
- Marks, F. see A. Kinzig (402) 162
- Marmocchi, F. see L. Cervoni (417) 227
- Marquardt, J., H. Senger, H. Miyashita, S. Miyachi and E. Mörschel, Isolation and characterization of biliprotein aggregates from *Acaryochloris marina*, a *Prochloron*-like prokaryote containing mainly chlorophyll *d* (410) 428
- Marquart, A. and V. Flockerzi,  $\alpha_1$ - $\beta$  interaction in voltage-gated cardiac L-type calcium channels (407) 137
- Marquet, A. see M. Maillet (413) 1
- Márquez, J. see J.A. Segura (414) 1
- Marra, F., S. Pastacaldi, R.G. Romanelli, M. Pinzani, P. Ticali, V. Carloni, G. Laffi and P. Gentilini, Integrin-mediated stimulation of monocyte chemotactic protein-1 expression (414) 221
- Marshall, J.C. see R.G. Watson (412) 603
- Marta, M. see M. Pomponi (409) 155
- Martasek, P. see J. Vázquez-Vivar (403) 127
- Martemyanov, K.A., A.S. Spirin and A.T. Gudkov, Direct expression of PCR products in a cell-free transcription/translation system: synthesis of antibacterial peptide cecropin (414) 268
- Martin, D.K. see A.D. Kline (407) 239
- Martin, I. and J.-M. Ruyschaert, Comparison of lipid vesicle fusion induced by the putative fusion peptide of fertilin (a protein active in sperm-egg fusion) and the NH<sub>2</sub>-terminal domain of the HIV2 gp41 (405) 351
- Martin, J. see C. Wheeler-Jones (420) 28
- Martin, J.-J. see M. Okochi (418) 162
- Martin, S.K. see J. LaMendola (404) 19
- Martin-Eauclaire, M.F. see R. Kharrat (406) 284
- Martin-Eauclaire, M.-F. see C. Legros (402) 45
- Martin-Eauclaire, M.-F. see C. Legros (417) 123
- Martinez, A. see H. Erlandsen (406) 171
- Martinez, A. see P.M. Knappskog (409) 7
- Martinez, A.M. see R. Catalán (400) 280
- Martinez, S.E. see A. Allali-Hassani (405) 26
- Martinez, S.E. see A. Allali-Hassani (411) 395
- Martinez-Lorenzo, M.J. see S. Gamen (417) 360
- Martinez-Luque, M. see R. Blasco (414) 45
- Martin-Moutot, N. see K. Sato (414) 480
- Martinoia, E. see M. Klein (420) 86
- Martinoia, E. see R. Tommasini (411) 206
- Marty, E. see C. Serradeil-Le Gal (404) 185
- Martynov, B.I., E.A. Shirokova, M.V. Jasko, L.S. Victorova and A.A. Kravetsky, Effect of triphosphate modifications in 2'-deoxynucleoside 5'-triphosphates on their specificity towards various DNA polymerases (410) 423
- Maruta, H. see D. Shiokawa (413) 99
- Maruyama, E. see K. Mizuno (417) 6
- Maruyama, K. see H. Ohtsuka (401) 65
- Maruyama, K., N. Takahashi, T. Tagawa, K. Nagaike and M. Iwatsuru, Immunoliposomes bearing polyethyleneglycol-coupled Fab' fragment show prolonged circulation time and high extravasation into targeted solid tumors in vivo (413) 177
- Marzari, R., P. Edomi, R.K. Bhatnagar, S. Ahmad, A. Selvapandiyan and A. Bradbury, Phage display of *Bacillus thuringiensis* CryIA(a) insecticidal toxin (411) 27
- Marzo, I. see S. Hortelano (410) 373
- Marzocchini, R. see T. Fiaschi (417) 130
- Masaki, T., H. Yoshimatsu, T. Kakuma, S. Hidaka, M. Kurokawa and T. Sakata, Enhanced expression of uncoupling protein 2 gene in rat white adipose tissue and skeletal muscle following chronic treatment with thyroid hormone (418) 323
- Maschera, B. see F. Volpe (419) 41
- Maskos, K. see S. Strobl (409) 109
- Mason, S. see R. Pellizzari (409) 339
- Mason, W.T. see M. Rupnik (411) 356
- Massa, R. see M. Porcelli (402) 102
- Masson, C. see E. Danty (414) 595
- Masson, L. see J.-L. Schwartz (410) 397
- Masson, L. see J.-L. Schwartz (412) 270
- Masson, M.R. see M.L. Read (418) 68
- Massow, M. see R. Schneider (407) 249
- Masters, C.L. see S.S. Mok (415) 303
- Masuda, H. see T. Suzuki (404) 192
- Masuda, M., K. Kobayashi, M. Horiuchi, H. Terazono, N. Yoshimura and T. Saheki, A novel gene suppressed in the ventricle of carnitine-deficient juvenile visceral steatosis mice (408) 221
- Masuda, M., M. Osawa, H. Shigematsu, N. Harada and K. Fujiwara, Platelet endothelial cell adhesion molecule-1 is a major SH-PTP2 binding protein in vascular endothelial cells (408) 331
- Masuda, S., H. Saito, H. Nonoguchi, K. Tomita and K. Inui, mRNA distribution and membrane localization of the OAT-K1 organic anion transporter in rat renal tubules (407) 127
- Masuda, W., S. Takenaka, K. Inageda, H. Nishina, K. Takahashi, T. Katada, S. Tsuyama, H. Inui, K. Miyatake and Y. Nakano, Oscillation of ADP-ribosyl cyclase activity during the cell cycle and function of cyclic ADP-ribose in a unicellular organism, *Euglena gracilis* (405) 104
- Mateo, J. see E. López-Collazo (413) 124
- Mather, T. see S. Awaeva (410) 502
- Mathews, L.S. see S.A. Willis (420) 117
- Mathis, P. see J.M. Ortega (401) 153
- Matějčková, A. and H. Sychrová, Biogenesis of *Candida albicans* Can1 permease expressed in *Saccharomyces cerevisiae* (408) 89
- Matsubara, E. see J. Ghiso (408) 105
- Matsubara, K. see K. Okubo (403) 225
- Matsubara, K., T. Hinoi, S. Koyama and A. Kikuchi, The post-translational modifications of Ral and Rac1 are important for the action of Ral-binding protein 1, a putative effector protein of Ral (410) 169
- Matsuda, A. see S. Kosugi (406) 139
- Matsuda, J., K. Hosoda, H. Itoh, C. Son, K. Doi, T. Tanaka, Y. Fukunaga, G. Inoue, H. Nishimura, Y. Yoshimasa, Y. Yamori and K. Nakao, Cloning of rat uncoupling protein-3 and uncoupling protein-2 cDNAs: their gene expression in rats fed high-fat diet (418) 200
- Matsuda, M. see T. Suzuki (404) 192
- Matsuhashi, N. see Y. Fukushima (409) 283
- Matsukawa, T. see S. Fukudome (412) 475
- Matsumori, M. see S. Ohya (401) 252
- Matsumoto, I. see A. Satoh (405) 107
- Matsumoto, K. see K. Date (420) 1
- Matsumura, E. see S. Takai (412) 86
- Matsuno, H. see O. Kozawa (418) 149
- Matsuo, M. see N. Takaya (414) 545
- Matsuo, N. see I. Morishima (419) 83
- Matsuo, Y. see H. Sumikawa (404) 234
- Matsuo, Y. see H. Sumikawa (411) 395
- Matsushima, N. see S. Tsuda (409) 227

- Matsushima, O. see H. Minakata (410) 437  
 Matsuyama, S. see K. Yanai (412) 285  
 Matsuzaki, H. see H. Konishi (410) 493  
 Mattei, M.-G. see M.E. Durkin (411) 296  
 Mattevi, A. see M.W. Fraaije (402) 33  
 Matthias, A. see A. Koivisto (417) 75  
 Matthijs, G. see M. Pirard (411) 251  
 Mattinen, M.-L., M. Linder, A. Teleman and A. Annala, Interaction between cellohexaose and cellulose binding domains from *Trichoderma reesei* cellulases (407) 291  
 Mattmann, C. see K. Becker (412) 102  
 Mattoo, A.K. see T.D. Elich (411) 236  
 Mattsson, P.T. see M. Vihinen (413) 205  
 Matushkin, Y.G. see I.B. Kuznetsov (412) 429  
 Mauco, G. see F. Gaits (410) 54  
 Mauco, G. see N. Montsarrat (404) 23  
 Maule, J. see K.E. Wells (407) 164  
 Maume, B.F. see F. Kieffer (403) 149  
 Maurer, H. see K. Schulze-Forster (415) 25  
 Maurer, P. see E. Kohfeldt (414) 557  
 Maurice, B. see S. Albet (405) 394  
 Mauro, T. see Y. Oda (414) 140  
 Maves, S.A., H. Yeom, M.A. McLean and S.G. Sligar, Decreased substrate affinity upon alteration of the substrate-docking region in cytochrome P450<sub>BM-3</sub> (414) 213  
 Maximov, A.V., E.A. Vedernikova, H. Hinssen, S.Y. Khaitlina and Y.A. Negulyaev, Ca-dependent regulation of Na<sup>+</sup>-selective channels via actin cytoskeleton modification in leukemia cells (412) 94  
 Maximova, V.A. see I.I. Timcheva (405) 141  
 Mayer, R.J. see P. Löw (400) 345  
 Mayne, G.C. see P.J. Hartfield (401) 148  
 Mayor Jr., F. see C. Murga (409) 24  
 Mayorov, S.G. see N.S. Kholod (411) 123  
 Mazarguil, H. see S. Lapalu (417) 333  
 Mazella, J. see J.-M. Botto (400) 211  
 Mazière, C., M. Djavaheri-Mergny, V. Frey-Fressart, J. Delattre and J.-C. Mazière, Copper and cell-oxidized low-density lipoprotein induces activator protein 1 in fibroblasts, endothelial and smooth muscle cells (409) 351  
 Mazière, J.-C. see C. Mazière (409) 351  
 Mazza, F. see M. Cirilli (418) 319  
 Mazzetti, A.P. see A.J. Oakley (419) 32  
 Mazzulla, M.J. see A.S. Altieri (415) 221  
 McBride, A.G. and G.C. Brown, Activated human neutrophils rapidly break down nitric oxide (417) 231  
 McCornack, M.A., L.T. Kakalis, C. Caserta, R.E. Handschumacher and I.M. Armitage, HIV protease substrate conformation: modulation by cyclophilin A (414) 84  
 McDonald, P.P. and M.A. Cassatella, Activation of transcription factor NF- $\kappa$ B by phagocytic stimuli in human neutrophils (412) 583  
 McEnery, M.W., H. Haase, C.L. Vance, S.J. Dubel, I. Morano, T.D. Copeland and Y. Choi,  $\beta$ 1B subunit of voltage-dependent Ca<sup>2+</sup>-channels is predominant isoform expressed in human neuroblastoma cell line IMR32 (420) 74  
 McGowan, A. see A. Gorman (404) 27  
 McGrath, M.E., A. Osawa, M.G. Barnes, J.M. Clark, K.D. Mortara and B.F. Schmidt, Production of crystallizable human chymase from a *Bacillus subtilis* system (413) 486  
 McGuigan, C. see J. Balzarini (410) 324  
 McIlhinney, R.A.J. see F. Ciruela (418) 83  
 McKee, K.K. see A.D. Howard (405) 285  
 McKenzie, R.C. see Y. Oda (414) 140  
 McKinley-McKee, J.S. see R.I. Lindstad (408) 57  
 McLane, M.A. see J.J. Calvete (416) 197  
 McLaren, M.J. and G. Inana, Inherited retinal degeneration: basic FGF induces phagocytic competence in cultured RPE cells from RCS rats (412) 21  
 McLaurin, J. see K. Yanagisawa (420) 43  
 McLean, M.A. see S.A. Maves (414) 213  
 McMahon, H.T., P. Wigge and C. Smith, Clathrin interacts specifically with amphiphysin and is displaced by dynamin (413) 319  
 McMahon, J. see K.E. Wells (407) 164  
 McPherson, P.S. see K.D. Micheva (414) 308  
 McPherson, P.S. see K.D. Micheva (419) 150  
 Mechtli, N. see M. Diamant (412) 379  
 Medcalf, R.L. see A.E. Dear (402) 265  
 Medina, M., A. Vrielink and R. Cammack, Electron spin echo envelope modulation studies of the semiquinone anion radical of cholesterol oxidase from *Brevibacterium sterolicum* (400) 247  
 Medina, M.I., M.A. Botella, M.A. Quesada and V. Valpuesta, Expression of a highly basic peroxidase gene in NaCl-adapted tomato cell suspensions (407) 357  
 Medrano, F.J., J. Alonso, J.L. García, W. Bode and F.X. Gomis-Rüth, Crystallization and preliminary X-ray diffraction analysis of proline iminopeptidase from *Xanthomonas campestris* pv. *citri* (400) 91  
 Meeran, K. see A.P. Goldstone (415) 134  
 Mehrke, G., A. Pereverzev, H. Grabsch, J. Hescheler and T. Schneider, Receptor-mediated modulation of recombinant neuronal class E calcium channels (408) 261  
 Meier, B., F. Parak, A. Desideri and G. Rotilio, Comparative stability studies on the iron and manganese forms of the cambialistic superoxide dismutase from *Propionibacterium shermanii* (414) 122  
 Meier, I., B. Gröning, S. Michalowski and S. Spiker, The tomato *RBCS3A* promoter requires integration into the chromatin for correct organ-specific regulation (415) 91  
 Meier, P.J. see J. Madon (406) 75  
 Meisel, A. see U. Bruer (414) 117  
 Meisel, H. see M.M. Mullally (402) 99  
 Meissner, G. see L. Gao (412) 223  
 Meldolesi, J. see S. Vesce (411) 107  
 Melkonyan, H. see M. Klempf (408) 81  
 Melková, Z., S.B. Lee, D. Rodriguez and M. Esteban, Bcl-2 prevents nitric oxide-mediated apoptosis and poly(ADP-ribose) polymerase cleavage (403) 273  
 Melloni, E. see M. Passalacqua (400) 275  
 Melloni, E. see F. Salamino (412) 433  
 Melo, N.S., M. Nimtz, H.S. Conradt, P.S. Fevereço and J. Costa, Identification of the human Lewis<sup>x</sup> carbohydrate motif in a secretory peroxidase from a plant cell suspension culture (*Vaccinium myrtillus* L.) (415) 186  
 Melvin, J.E. see G.H. Zhang (410) 387  
 Ménard, A., R. Amouri, M. Michel, F. Marcel, A. Brouillet, J. Belliveau, C. Geny, L. Deforges, C. Malcus-Vocanson, M. Armstrong, O. Lyon-Caen, B. Mandrand, T. Dobránsky, F. Rieger and H. Perron, Gliotoxicity, reverse transcriptase activity and retroviral RNA in monocyte/macrophage culture supernatants from patients with multiple sclerosis (413) 477  
 Menard, C. see P. Pellegrin (418) 101  
 Menashi, S. see F. Lindenmeyer (418) 19  
 Méndez, E. see P. Bonay (416) 276  
 Méndez, E. see F.M. de Benito (413) 85  
 Meneghetti, A. see E. Mariani (406) 83  
 Mengelers, M.J.B. see P.C.H. Hollman (418) 152  
 Mentele, R. see B. Gerhartz (412) 551  
 Mercer, J.G. see A.P. Goldstone (415) 134  
 Mercer, J.G., K.M. Moar, D. Rayner, P. Trayhurn and N. Hoggard, Regulation of leptin receptor and NPY gene expression in hypothalamus of leptin-treated obese (*ob/ob*) and cold-exposed lean mice (402) 185  
 Merchant, J.L. see B. Simon (411) 383  
 Mergaert, P., M. Van Montagu and M. Holsters, The nodulation gene *nolK* of *Azorhizobium caulinodans* is involved in the formation of GDP-fucose from GDP-mannose (409) 312  
 Mernenko, O.A. see E.Yu. Blishchenko (414) 125  
 Mertsch, K. see R.F. Haseloff (418) 73  
 Mery, J. see P. Pellegrin (418) 101  
 Merzendorfer, H., W.R. Harvey and H. Wiczorek, Sense and antisense RNA for the membrane associated 40 kDa subunit M40 of the insect V-ATPase (411) 239  
 Mesnildrey, S., F. Agou and M. Véron, The in vitro DNA binding properties of NDP kinase are related to its oligomeric state (418) 53  
 Messerschmidt, A. see M.C. Wahl (414) 492  
 Messi, M.L. see M. Renganathan (417) 13  
 Messi, M.L., M. Renganathan, E. Grigorenko and O. Delbono, Activation of  $\alpha_7$  nicotinic acetylcholine receptor promotes survival of spinal cord motoneurons (411) 32  
 Messina, A. see E. Conte (400) 315  
 Metsä-Ketelä, T. see A. Palomäki (410) 254  
 Metz, J. see R. Kinscherf (405) 55  
 Metz, J.G. see P. Edwards (402) 62  
 Metz, S.A. see A. Kowluru (418) 179  
 Meunier, B. see B. Edderkaoui (404) 51

- Meunier, J.-C. see S. Lapalu (417) 333
- Mevkh, A.T. see M.G. Sergeeva (418) 235
- Meyer zu Heringdorf, D., C.J. van Koppen and K.H. Jakobs, Molecular diversity of sphingolipid signalling (410) 34
- Meyer, G., S. Doppiero, L. Daffonchio and D. Cremaschi, S-Carboxysteine-lysine salt monohydrate and cAMP cause non-additive activation of the cystic fibrosis transmembrane regulator channel in human respiratory epithelium (404) 11
- Meyer, H.E. see H. Al-Hasani (400) 65
- Meyer, J.E.W. see C. Romier (416) 93
- Meyer, K.L. see D. Berendji (405) 37
- Meyer, M.F., G. Kreil and H. Aschauer, The soluble hyaluronidase from bull testes is a fragment of the membrane-bound PH-20 enzyme (413) 385
- Meyer, S., N. Kohler and A. Joly, Cyclosporine A is an uncompetitive inhibitor of proteasome activity and prevents NF- $\kappa$ B activation (413) 354
- Meyer, T.F. see C.R. Hauck (405) 86
- Meyuhas, O. see Y. Biberman (405) 333
- Michael, D. see Y. Yung (408) 292
- Michalowski, S. see I. Meier (415) 91
- Michalski, E. see R. Preißner (414) 425
- Michard-Vanhée, C. see E. Danty (414) 595
- Michaud-Soret, I., A. Adrait, M. Jaquinod, E. Forest, D. Touati and J.-M. Latour, Electrospray ionization mass spectrometry analysis of the apo- and metal-substituted forms of the Fur protein (413) 473
- Michel, C. and G. van Echten-Deckert, Conversion of dihydroceramide to ceramide occurs at the cytosolic face of the endoplasmic reticulum (416) 153
- Michel, J.B. and T. Michel, The role of palmitoyl-protein thioesterase in the palmitoylation of endothelial nitric oxide synthase (405) 356
- Michel, M. see A. Ménard (413) 477
- Michel, T. see J.B. Michel (405) 356
- Michell, B.J. see D. Stapleton (409) 452
- Micheva, K.D., A.R. Ramjaun, B.K. Kay and P.S. McPherson, SH3 domain-dependent interactions of endophilin with amphiphysin (414) 308
- Micheva, K.D., A.R. Ramjaun, B.K. Kay and P.S. McPherson, Corrigendum to: SH3 domain-dependent interactions of endophilin with amphiphysin (FEBS 19164) [FEBS Letters 414 (1997) 308–312] (419) 150
- Michikawa, M. see K. Yanagisawa (420) 43
- Middelhoven, P.J., A. Ager, D. Roos and A.J. Verhoeven, Involvement of a metalloprotease in the shedding of human neutrophil Fc $\gamma$ RIIIB (414) 14
- Middleton, D.A., R. Robins, X. Feng, M.H. Levitt, I.D. Spiers, C.H. Schwalbe, D.G. Reid and A. Watts, The conformation of an inhibitor bound to the gastric proton pump (410) 269
- Miele, R. see M. Simmaco (416) 273
- Miersch, O. see S.C. Hertel (407) 105
- Miersch, O. see R. Kramell (414) 197
- Mies, B. see X.H.T. Wehrens (405) 315
- Mieskes, G. see J. Füllekrug (404) 75
- Mighell, A.J., A.F. Markham and P.A. Robinson, *Alu* sequences (417) 1
- Miginiac-Maslow, M. see J.-P. Jacquot (400) 293
- Miginiac-Maslow, M. see J.-P. Jacquot (401) 143
- Mignogna, G. see M. Simmaco (416) 273
- Mikalsen, S.-O., T. Husøy, G. Vikhamar and T. Sanner, Induction of phosphotyrosine in the gap junction protein, connexin43 (401) 271
- Mikalsen, S.-O., T. Husøy, G. Vikhamar and T. Sanner, Erratum to: Induction of phosphotyrosine in the gap junction protein, connexin 43 (FEBS 18095) [FEBS Letters 401 (1997) 271–275] (411) 394
- Mikami, Y. see M. Takahashi (418) 115
- Mikes, V., M.-L. Milat, M. Ponchet, P. Ricci and J.-P. Blein, The fungal elicitor cryptogein is a sterol carrier protein (416) 190
- Mikhailov, A.M. see V.Yu. Lunin (412) 217
- Mikhailov, S.N. see G.P. Moiseyev (404) 169
- Mikhailov, S.N. see V.L. Tunitskaya (400) 263
- Mikhailov, V.V. see A.V. Zelenin (414) 319
- Mikhaleva, I.I. see Yu.M. Kokoz (411) 71
- Mikkelsen, R. see W. Jarvis (412) 9
- Mikkola, R. see C.U. Rang (418) 27
- Milat, M.-L. see V. Mikes (416) 190
- Milkereit, P. see H. Tschochne (410) 461
- Miller, C.C.J. see U. Wagner (411) 369
- Miller, J.M. see G. Nindl (414) 501
- Miller, K. see C.A. Lunn (400) 333
- Milligan, G. see A. Wise (407) 257
- Milligan, G. see A. Wise (419) 141
- Millot, J.M. see W. Bouhedja (412) 39
- Miloux, B., P. Laurent, O. Bonnin, J. Lupker, D. Caput, N. Vita and P. Ferrara, Cloning of the human IL-13R $\alpha$ 1 chain and reconstitution with the IL-4R $\alpha$  of a functional IL-4/IL-13 receptor complex (401) 163
- Minagawa, T. see S. Kojima (411) 128
- Minakata, H., T. Fujita, T. Kawano, T. Nagahama, T. Oumi, K. Ukena, O. Matsushima, Y. Muneoka and K. Nomoto, The leech excitatory peptide, a member of the GGNG peptide family: isolation and comparison with the earthworm GGNG peptides (410) 437
- Minakuchi, K. see M. Yoshizumi (419) 255
- Minami, S., N. Ohtani-Fujita, E. Igata, T. Tamaki and T. Sakai, Molecular cloning and characterization of the human p27<sup>Kip1</sup> gene promoter (411) 1
- Minamino, N. see Y. Sawada (400) 177
- Mincheva, A. see F. Gounari (413) 371
- Mincheva, A. see A. Kinzig (402) 162
- Minchiotti, G. and P.P. Di Nocera, Alternative activation of transcriptional initiators in *Drosophila melanogaster* LINE promoters (411) 189
- Minegishi, T. see H. Kishi (402) 198
- Minemoto, Y. see K. Kinoshita (403) 112
- Minghetti, L. see C. Guastadisegni (413) 314
- Minvielle, S. see B. Lebeau (407) 141
- Miosga, T. see P. Vergani (405) 337
- Miras-Portugal, M.T. see E. López-Collazo (413) 124
- Mirshahi, S.S., K.C. Lounes, H. Lu, E. Pujade-Lauraine, Z. Mishal, J. Bénard, A. Bernadou, C. Soria and J. Soria, Defective cell migration in an ovarian cancer cell line is associated with impaired urokinase-induced tyrosine phosphorylation (411) 322
- Mischak, H. see M. Kellerer (418) 119
- Mischke, R., A. Gessner, A. Kapurniotu, S. Jüttner, R. Kleemann, H. Brunner and J. Bernhagen, Structure activity studies of the cytokine macrophage migration inhibitory factor (MIF) reveal a critical role for its carboxy terminus (414) 226
- Mishal, Z. see S.S. Mirshahi (411) 322
- Misset-Smits, M., P.W. van Ophem, S. Sakuda and J.A. Duine, Mycothiol, 1-*O*-(2'-[N-acetyl-L-cysteinyl]amido-2'-deoxy- $\alpha$ -D-glucopyranosyl)-D-myo-inositol, is the factor of NAD/factor-dependent formaldehyde dehydrogenase (409) 221
- Mitchell, K.I. see D. Stapleton (409) 452
- Mitchell, T.J. see P.J. Morgan (412) 563
- Mitchinson, M.J. see K.L.H. Carpenter (401) 262
- Mitkova, A.V. see S.S. Stoyanov (409) 151
- Mitsopoulos, C., L. Hashemzadeh-Bonchi and J.K. Broome-Smith, N-tail translocation of mature  $\beta$ -lactamase across the *Escherichia coli* cytoplasmic membrane (419) 18
- Mittag, M., C. Eckerskorn, K. Strupat and J. Hastings, Differential translational initiation of *lbp* mRNA is caused by a 5' upstream open reading frame (411) 245
- Mittal, R. see M.R. Ahmadian (408) 315
- Miura, K. see S. Kojima (411) 128
- Miura, K. see M. Wakiyama (409) 407
- Miura, Y., K. Anzai, S. Takahashi and T. Ozawa, A novel lipophilic spin probe for the measurement of radiation damage in mouse brain using in vivo electron spin resonance (ESR) (419) 99
- Miwa, I. see T. Murata (406) 109
- Miwa, I. see Y. Toyoda (415) 281
- Miyachi, S. see J. Marquardt (410) 428
- Miyachi, S. see H. Schiller (410) 433
- Miyagi, Y. see N. Koshikawa (409) 442
- Miyagoe, Y., K. Hanaoka, I. Nonaka, M. Hayasaka, Y. Nabeshima, K. Arahata, Y. Nabeshima and S. Takeda, Laminin  $\alpha$ 2 chain-null mutant mice by targeted disruption of the *Lama2* gene: a new model of merosin (laminin 2)-deficient congenital muscular dystrophy (415) 33
- Miyahara, K. see T. Takeuchi (416) 339
- Miyakawa, T. see T. Takeuchi (416) 339
- Miyamoto, D. see T. Suzuki (404) 192
- Miyamoto, K. see H. Kishi (402) 198
- Miyamoto, K. see Y. Nakamura (419) 45
- Miyamoto, S. see Y. Kamikubo (407) 116
- Miyamoto, T. see N. Itoh (412) 281
- Miyamoto-Sato, E. see N. Nemoto (414) 405

- Miyasaka, M. see Z. Ding (418) 310  
Miyashita, H. see J. Marquardt (410) 428  
Miyashita, H. see H. Schiller (410) 433  
Miyashita, T. see K. Harada (411) 63  
Miyata, T. see H. Suga (412) 540  
Miyata, T. see K. Uchida (410) 313  
Miyatake, K. see W. Masuda (405) 104  
Miyazaki, K. see N. Koshikawa (409) 442  
Miyazaki, M. see N. Shiota (406) 301  
Miyazaki, M. see S. Takai (412) 86  
Miyazaki, T. see T. Niwa (407) 297  
Mizoguchi, K. see S. Ushiro (418) 341  
Mizokami, M. see M. Mukaide (407) 51  
Mizuguchi, M., M. Nara, K. Kawano and K. Nitta, FT-IR study of the  $\text{Ca}^{2+}$ -binding to bovine  $\alpha$ -lactalbumin (417) 153  
Mizukami, Y., T. Hirata and K. Yoshida, Nuclear translocation of PKC $\zeta$  during ischemia and its inhibition by wortmannin, an inhibitor of phosphatidylinositol 3-kinase (401) 247  
Mizukoshi, T., M. Kohmura, E. Suzuki and Y. Ariyoshi, Structure and dynamic studies by NMR of the potent sweet protein monellin and a non-sweet analog. Evidence on the importance of residue Asp<sup>B7</sup> for sweet taste (413) 409  
Mizuno, K. see K. Tanabe (408) 306  
Mizuno, K., T. Katagiri, E. Maruyama, K. Hasegawa, M. Ogimoto and H. Yakura, SHP-1 is involved in neuronal differentiation of P19 embryonic carcinoma cells (417) 6  
Mizuno, M. see T. Takabatake (410) 485  
Mizuno, N. see H. Oida (417) 53  
Mizuno, T. see H. Yaku (408) 337  
Mizuno, T. see H. Yaku (417) 409  
Mizushima, H. see N. Koshikawa (409) 442  
Mizushima, T. see A. Ohba (404) 125  
Moali, C. see D. Bonnet (409) 216  
Moar, K.M. see A.P. Goldstone (415) 134  
Moar, K.M. see J.G. Mercer (402) 185  
Moar, W.J. see C. Rang (412) 587  
Mobashery, N., C. Nielsen and O.S. Andersen, The conformational preference of gramicidin channels is a function of lipid bilayer thickness (412) 15  
Mochimaru, M. and H. Sakurai, Three kinds of binding site for tetroxin on isolated chloroplast coupling factor 1 (419) 23  
Mochizuki, N. see K. Tanaka (413) 309  
Modolell, M., K. Eichmann and G. Soler, Oxidation of  $N^G$ -hydroxyl-L-arginine to nitric oxide mediated by respiratory burst: an alternative pathway to NO synthesis (401) 123  
Modrianský, M. see P. Ježek (408) 161  
Modrianský, M. see P. Ježek (408) 166  
Modyanov, N.N. see A. Ivanov (420) 107  
Moens, L. see G. Schaart (403) 168  
Mogensen, S.C. see S.R. Paludan (414) 61  
Mogi, T. see M. Tsubaki (416) 247  
Mohler, K.M. see J. Müllberg (401) 235  
Moilanen, A., N. Rouleau, T. Ikonen, J.J. Palvimo and O.A. Jänne, The presence of a transcription activation function in the hormone-binding domain of androgen receptor is revealed by studies in yeast cells (412) 355  
Moisand, C. see S. Lapalu (417) 333  
Moiseyev, G.P., G.I. Yakovlev, Yu.P. Lysov, A.A. Chernyi, K.M. Polyakov, M. Oivanen, H. Lönnberg, L.N. Beigelman, E.V. Efimtseva and S.N. Mikhailov, Determination of the nucleotide conformation in the productive enzyme-substrate complexes of RNA-depolymerases (404) 169  
Moiseyev, G.P., L.I. Fedoreyeva, Yu.N. Zhuravlev, E. Yasnetskaya, P.A. Jekel and J.J. Beintema, Primary structures of two ribonucleases from ginseng calluses. New members of the PR-10 family of intracellular pathogenesis-related plant proteins (407) 207  
Mok, S.S., G. Sberna, D. Heffernan, R. Cappai, D. Galatis, H.J. Clarris, W.H. Sawyer, K. Beyreuther, C.L. Masters and D.H. Small, Expression and analysis of heparin-binding regions of the amyloid precursor protein of Alzheimer's disease (415) 303  
Mokhova, E.N. see V.N. Samartsev (412) 179  
Mol, O. see E. de Leeuw (416) 225  
Molemans, F. see M. Van de Craen (403) 61  
Mølgaard, L., C.P. Ponting and U. Christensen, Glycosylation at Asn-289 facilitates the ligand-induced conformational changes of human Glu-plasminogen (405) 363  
Molin, S. see C.U. Rang (418) 27  
Molina, A. see J.M.M. Caaveiro (410) 338  
Møller Knudsen, S. see B. Wulff (413) 405  
Møller, N.P.H. see R. Lammers (404) 37  
Møller, N.P.H. see K. Norris (415) 243  
Mollereau, C. see S. Lapalu (417) 333  
Molnar, P. see Z. Szondy (404) 307  
Molledo, O. see P. Remondelli (416) 254  
Monemi, M., P.-O. Eriksson, I. Dubail, G.S. Butler-Browne and L.-E. Thornell, Erratum to: Fetal myosin heavy chain increases in the human masseter muscle during aging (FEBS 17013) [*FEBS Letters* 386 (1996) 87–90] (403) 110  
Mongiat, M. see R. Doliana (417) 65  
Monier, S. see G. Lizard (419) 276  
Monnaie, D. see B. Quinting (406) 275  
Monnat, J., U. Hacker, H. Geissler, R. Rauchenberger, E.M. Neuhaus, M. Maniak and T. Soldati, *Dictyostelium discoideum* protein disulfide isomerase, an endoplasmic reticulum resident enzyme lacking a KDEL-type retrieval signal (418) 357  
Mononen, I. see T. Noronkoski (412) 149  
Monroy, A.F., E. Labbé and R.S. Dhindsa, Low temperature perception in plants: effects of cold on protein phosphorylation in cell-free extracts (410) 206  
Montagne, J.-J. see A. Ladram (403) 287  
Montecucco, C. see R. Pellizzari (409) 339  
Montecucco, C. see P. Washbourne (418) 1  
Montenarh, M. see A. Prowald (408) 99  
Montero Julian, F.A. see B. Lebeau (407) 141  
Montes, A. see A. Chilocheas (401) 68  
Monti, D. see N. Basilico (409) 297  
Monti, D., S. Macchioni, M. Guido, G. Pagano, A. Zatterale, R. Calzone, A. Cossarizza, E. Straface, W. Malorni and C. Franceschi, Resistance to apoptosis in Fanconi's anaemia. An ex vivo study in peripheral blood mononuclear cells (409) 365  
Monti, G. see A. Cantisani (412) 515  
Monsarrat, N., C. Racaud-Sultan, G. Mauco, M. Plantavid, B. Payastre, M. Breton-Douillon and H. Chap, Calpains are involved in phosphatidylinositol 3',4'-bisphosphate synthesis dependent on the  $\alpha_{IIb}\beta_3$  integrin engagement in thrombin-stimulated platelets (404) 23  
Moody, A. see D.J.B. Hunter (412) 43  
Moore, A.L. see P. Dudley (417) 321  
Moore, P.S., M. Bertoldi, P. Dominici and C. Borri Voltattorni, Aromatic amino acid methyl ester analogs form quinonoid species with Dopa decarboxylase (412) 245  
Moorman, M.A. see C.J. Chastain (413) 169  
Moosmann, B., M. Uhr and C. Behl, Neuroprotective potential of aromatic alcohols against oxidative cell death (413) 467  
Mora, M. see D. Angoli (408) 341  
Morales, B., R. Madrid and J. Bacigalupo, Calcium mediates the activation of the inhibitory current induced by odorants in toad olfactory receptor neurons (402) 259  
Morales, M.J. see S. Wang (417) 43  
Morand, C. see C. Manach (409) 12  
Morandini, P. see P. Vergani (400) 243  
Morano, I. and H. Haase, Different actin affinities of human cardiac essential myosin light chain isoforms (408) 71  
Morano, I. see M.W. McEnery (420) 74  
Morel, A. see N. Ancellin (413) 323  
Morel, F. see J. Antras-Ferry (403) 100  
Morell, S., H. Follmann, M. De Tullio and I. Häberlein, Dehydroascorbate and dehydroascorbate reductase are phantom indicators of oxidative stress in plants (414) 567  
Moreno, F.J. see J.R. Muñoz-Montaña (411) 183  
Moreno, M. see A. Lanni (418) 171  
Morett, E. see G. del-Rio (416) 221  
Morgan, N.G. see A.C. Loweth (400) 285  
Morgan, P.J. see S. Conway (407) 121  
Morgan, P.J., G. Harrison, P.P.E. Freestone, D. Crane, A.J. Rowe, T.J. Mitchell, P.W. Andrew and R.J.C. Gilbert, Structural and functional characterisation of two proteolytic fragments of the bacterial protein toxin, pneumolysin (412) 563  
Morgan, W.D. see P.M. Nieto (405) 16  
Morgan, W.D. see P.M. Nieto (418) 228  
Morgenstern-Badarau, I. see J.P. Renault (401) 15  
Mori, H. see M. Okochi (418) 162  
Mori, K. see K. Fukuda (412) 290  
Mori, K. see M. Takahashi (418) 115

- Mori, K., Y. Ogawa, K. Ebihara, T. Aoki, N. Tamura, A. Sugawara, T. Kuwahara, S. Ozaki, M. Mukoyama, K. Tashiro, I. Tanaka and K. Nakao, Kidney-specific expression of a novel mouse organic cation transporter-like protein (417) 371
- Mori, K., Y. Ogawa, N. Tamura, K. Ebihara, T. Aoki, S. Muro, S. Ozaki, I. Tanaka, K. Tashiro and K. Nakao, Molecular cloning of a novel mouse aspartic protease-like protein that is expressed abundantly in the kidney (401) 218
- Mori, M. see K. Terada (403) 309
- Mori, M. see K. Tomochika (404) 61
- Mori, S. see M. Yano (419) 244
- Mori, T. see S. Kosugi (406) 139
- Mori, Y. see K. Imada (417) 337
- Mori, Y., Y. Hiraki, C. Shukunami, S. Kakudo, M. Shiokawa, M. Kagoshima, H. Mano, Y. Hakeda, T. Kurokawa, F. Suzuki and M. Kumegawa, Stimulation of osteoblast proliferation by the cartilage-derived growth promoting factors chondromodulin-I and -II (406) 310
- Morii, H. see Y. Suzuki (409) 29
- Morikawa, H. see K. Fukuda (412) 290
- Morimoto, S. see A.H. Iwane (407) 235
- Morimura, H. see Y. Saishin (414) 381
- Morishima, I., Y. Yamano, K. Inoue and N. Matsuo, Eicosanoids mediate induction of immune genes in the fat body of the silkworm, *Bombyx mori* (419) 83
- Morishima, M. see Y. Taguchi (413) 142
- Morita, F. see M. Eto (410) 356
- Morita, T. see Y. Shikamoto (412) 526
- Moriwaki, H. see S. Imai (411) 102
- Moriyama, Y. see I. Nakamura (401) 207
- Moriyama, Y. see K. Tomochika (404) 61
- Mörl, M. see G. Börner (409) 320
- Morley, S.J., Signalling through either the p38 or ERK mitogen-activated protein (MAP) kinase pathway is obligatory for phorbol ester and T cell receptor complex (TCR-CD3)-stimulated phosphorylation of initiation factor (eIF) 4E in Jurkat T cells (418) 327
- Mornet, D. see F. Rivier (408) 94
- Mornon, J.-P. see I. Callebaut (400) 25
- Morozov, P.S. see I.B. Kuznetsov (412) 429
- Morreale, A., B. Mallon, G. Beale, J. Watson and M. Rumsby, Ro31-8220 inhibits protein kinase C to block the phorbol ester-stimulated release of choline- and ethanolamine-metabolites from C6 glioma cells: p70 S6 kinase and MAPKAP kinase-1 $\beta$  do not function downstream of PKC in activating PLD (417) 38
- Morrice, N.A. see J.-P. Kreivi (420) 57
- Morrill, G.A., R.K. Gupta, A.B. Kostellow, G.-Y. Ma, A. Zhang, B.T. Altura and B.M. Altura, Mg<sup>2+</sup> modulates membrane lipids in vascular smooth muscle: a link to atherogenesis (408) 191
- Morris, D. see M. Maillet (413) 1
- Morris, H.R. see G.J. Hughes (410) 443
- Mörschel, E. see J. Marquardt (410) 428
- Morse, D.E. see B.M. Degnan (411) 119
- Mortara, K.D. see M.E. McGrath (413) 486
- Mortensen, A. and L.H. Skibsted, Relative stability of carotenoid radical cations and homologue tocopheroxyl radicals. A real time kinetic study of antioxidant hierarchy (417) 261
- Mortensen, A., L.H. Skibsted, J. Sampson, C. Rice-Evans and S.A. Everett, Comparative mechanisms and rates of free radical scavenging by carotenoid antioxidants (418) 91
- Mortensen, K.K. see S.A. de A. Steffensen (419) 281
- Mortuza, G.B. and D. Whitford, Mutagenesis of residues 27 and 78 modulates heme orientation in cytochrome *b<sub>5</sub>* (412) 610
- Mösl, B. see M. Knöfler (405) 213
- Moss, S. see L. Sivilotti (409) 49
- Mostardini, M. see S. Toma (408) 5
- Mota-Meira, M., C. Lacroix, G. LaPointe and M.C. Lavoie, Purification and structure of mutacin B-Ny266: a new lantibiotic produced by *Streptococcus mutans* (410) 275
- Motegi, F., K. Nakano, C. Kitayama, M. Yamamoto and I. Mabuchi, Identification of Myo3, a second type-II myosin heavy chain in the fission yeast *Schizosaccharomyces pombe* (420) 161
- Mothes, T. see G. Birkenmeier (416) 193
- Motohashi, K., M. Yohda, M. Odaka and M. Yoshida, K<sup>+</sup> is an indispensable cofactor for GrpE stimulation of ATPase activity of DnaK·DnaJ complex from *Thermus thermophilus* (412) 633
- Mottagui-Tabar, S. and L.A. Isaksson, Only the last amino acids in the nascent peptide influence translation termination in *Escherichia coli* genes (414) 165
- Mouro, C., A. Bondon, G. Simonneaux and C. Jung, <sup>1</sup>H-NMR study of diamagnetic cytochrome P450cam: assignment of heme resonances and substrate dependence of one cysteinate  $\beta$  proton (414) 203
- Mozhayeva, G.N. see K.I. Kiselyov (407) 309
- Mozley, D. see C. Kneip (414) 23
- Muceniece, R. see H.B. Schiöth (410) 223
- Mueske, C.S. see Y.C. Kudva (416) 117
- Mühl, A. see S. Kapiotis (409) 223
- Mukaide, M., M. Mizokami, E. Orito, K. Ohba, T. Nakano, R. Ueda, K. Hikiji, S. Iino, S. Shapiro, N. Lahat, Y.-M. Park, B.-S. Kim, T. Oyunsuren, M. Rezieg, M.N. Al-Ahdal and J.Y.N. Lau, Three different GB virus C/hepatitis G virus genotypes (407) 51
- Mukherjee, J.J. see Z. Kiss (412) 197
- Mukhopadhyay, A.K. see L.T. Budnik (419) 4
- Mukoyama, M. see K. Mori (417) 371
- Muldbjerg, M. see J. Hansen (401) 20
- Mulkidjanian, A.Y. see O.A. Gopta (412) 490
- Mullally, M.M., H. Meisel and R.J. FitzGerald, Identification of a novel angiotensin-I-converting enzyme inhibitory peptide corresponding to a tryptic fragment of bovine  $\beta$ -lactoglobulin (402) 99
- Müllberg, J., C.T. Rauch, M.F. Wolfson, B. Castner, J.N. Fitzner, C. Otten-Evans, K.M. Mohler, D. Cosman and R.A. Black, Further evidence for a common mechanism for shedding of cell surface proteins (401) 235
- Müller, C. see J. Schwender (414) 129
- Müller, C.S.G. see T. Huff (414) 39
- Müller, C.W. see P. Cramer (405) 373
- Müller, C.W. see P. Cramer (405) 394
- Müller, M.-O. see P.-A. Siegenthaler (416) 57
- Müller, N. see K. Weber (419) 87
- Müller, S., A. Straub and M.J. Lohse, Selectivity of  $\beta$ -adrenergic receptor kinase 2 for G protein  $\beta\gamma$  subunits (401) 25
- Müller, V. see S. Rahlfs (404) 269
- Müller, W.E.G. see A.Y. Palamarchuk (416) 344
- Müller-Decker, K. see A. Kinzig (402) 162
- Müller-Frohne, M. see K. Gast (403) 245
- Müller-Newen, G. see B. Lebeau (407) 141
- Müller-Röber, B. see T. Ehrhardt (409) 166
- Müller-Wieland, D. see H. Al-Hasani (400) 65
- Mulner-Lorillon, O. see S. Deschamps (412) 495
- Münch, G. see A. Simm (410) 481
- Münch, K. see B. Simon (411) 383
- Muneoka, Y. see H. Minakata (410) 437
- Muneyuki, E., M. Odaka and M. Yoshida, A single mutation at the catalytic site of TF<sub>1</sub>- $\alpha_3\beta_3\gamma$  complex switches the kinetics of ATP hydrolysis from negative to positive cooperativity (413) 55
- Muñoz-Hoyos, A. see J.J. Garcia (408) 297
- Muñoz-Montaño, J.R., F.J. Moreno, J. Avila and J. Díaz-Nido, Lithium inhibits Alzheimer's disease-like tau protein phosphorylation in neurons (411) 183
- Murakami, K. see S. Imai (411) 102
- Murakami, K. see K. Yanai (412) 285
- Murakami, M. see K. Nakamura (417) 375
- Murakami, M., K. Tada, S. Shimbara, T. Kambe, H. Sawada and I. Kudo, Detection of secretory phospholipase A<sub>2</sub>s related but not identical to type IIA isozyme in cultured mast cells (413) 249
- Murata, K. see S. Nishida (416) 69
- Murata, M. see Y. Okamura-Oho (419) 231
- Murata, T., H. Katagiri, H. Ishihara, Y. Shibasaki, T. Asano, Y. Toyoda, B. Pekiner, C. Pekiner, I. Miwa and Y. Oka, Co-localization of glucokinase with actin filaments (406) 109
- Murata, Y., T. Kudoh, H. Sugiyama, K. Toyoshima and T. Akiyama, The Wilms tumor suppressor gene *WT1* induces G1 arrest and apoptosis in myeloblastic leukemia M1 cells (409) 41
- Murayama, Y. see U. Giambarella (412) 97
- Murayama, Y. see K. Komatsuzaki (406) 165
- Murga, C., N. Esteban, A. Ruiz-Gómez and F. Mayor Jr., The basal subcellular distribution of  $\beta$ -adrenergic receptor kinase is independent of G-protein  $\beta\gamma$  subunits (409) 24
- Muro, S. see K. Mori (401) 218
- Muro, Y. see Y. Nagai (418) 23
- Murofushi, H. see M. Katsuki (418) 35
- Muronetz, V.I. see E.V. Schmalhausen (414) 247

- Murphy, G. see V. Knäuper (405) 60  
 Murphy, J.R. see D. Liger (406) 157  
 Murphy, M.P. see J.L. Scarlett (418) 282  
 Murray, A.W. see P.J. Hartfield (401) 148  
 Murtazina, R.A. see A.V. Bogachev (409) 475  
 Murtazina, R.A. see A.I. Shestopalov (404) 272  
 Mushack, J. see M. Kellerer (418) 119  
 Müslümanoglu, H. see S. Sentürker (416) 286  
 Musselman, B.D. see A. Craig (413) 215  
 Musso, M. see P. Ghiorzo (418) 215  
 Muth, W.L. see A.D. Kline (407) 239  
 Muto, S. see K. Takahashi (401) 202  
 Muto, Y. see S. Imai (411) 102  
 Muyldermans, S. see M. Arbabi Ghahroudi (414) 521  
 Muzzin, P. see O. Boss (408) 39  
 Muzzin, P. see O. Boss (412) 111  
 Myasoedova, N. see A. Leontievsky (413) 446  
 Myers, A.M. see C.M. Koehler (408) 109
- N**
- Nabeshima, Y. see Y. Miyagoe (415) 33  
 Nabeshima, Y. see Y. Miyagoe (415) 33  
 Nabiev, I. see F. Fleury (406) 151  
 Nabiev, I. see F. Fleury (411) 215  
 Nacken, W. see M. Klempt (408) 81  
 Nada, S. see Y. Takayama (406) 11  
 Nadezhdina, E.S. see F.F. Severin (420) 125  
 Nadezhdina, E.S. see L.A. Zinovkina (414) 135  
 Naesens, L. see J. Balzarini (410) 324  
 Nagahama, T. see H. Minakata (410) 437  
 Nagahara, Y. see I. Fujii (410) 131  
 Nagai, F. see Y. Yokoyama (412) 153  
 Nagai, K. see Y. Takayama (406) 11  
 Nagai, R. see Y. Sawada (400) 177  
 Nagai, Y., T. Kojima, Y. Muro, T. Hachiya, Y. Nishizawa, T. Wakabayashi and M. Hagiwara, Identification of a novel nuclear speckle-type protein, SPOP (418) 23  
 Nagaike, K. see K. Maruyama (413) 177  
 Nagao, S. see N. Yamanaka (401) 230  
 Nagao, S. see N. Yamanaka (405) 186  
 Nagaraj, R. see N. Sitaram (400) 289  
 Nagashima, Y. see N. Koshikawa (409) 442  
 Nagata, K. see K. Nakade (418) 315  
 Nagata, K. see K. Tanabe (408) 306  
 Nagata, K. see H. Yu (409) 161  
 Nagata, T. see Md.R. Islam (415) 352  
 Nagatani, A. see K. Tanaka (413) 309  
 Nagatomo, J. see Y. Nakamura (419) 45  
 Nagle, G.T. see S. Juvvadi (408) 195  
 Nagley, P. see M. Prescott (411) 97  
 Nagradova, N.K. see E.V. Schmalhausen (414) 247  
 Nagy, I. see F. Zühl (400) 83  
 Nahorski, S.R. see R.A. Wilcox (402) 241  
 Naidoo, R. see J.G. Jones (412) 131  
 Naito, M. see T. Ishizaki (404) 118  
 Najeme, F. see S. Herblot (414) 146  
 Nakade, K., H. Handa and K. Nagata, Promoter structure of the *MxA* gene that confers resistance to influenza virus (418) 315  
 Nakagawa, A. see S.-Y. Park (412) 346  
 Nakagawa, H. see M. Katsuki (418) 35  
 Nakagawa, R., R. Sato, M. Futai, H. Yokosawa and M. Maeda, Gastric GATA-6 DNA-binding protein: proteolysis induced by cAMP (408) 301  
 Nakagawa, Y. see K. Fujimori (413) 226  
 Nakahara, Y. see Y. Kamikubo (407) 116  
 Nakai, J. see Y. Nakashima (417) 157  
 Nakajima, K. see Y. Takei (414) 377  
 Nakajima, Y., J. Alvarez-Bravo, J. Cho, K. Homma, S. Kanegasaki and S. Natori, Chemotherapeutic activity of synthetic antimicrobial peptides: correlation between chemotherapeutic activity and neutrophil-activating activity (415) 64  
 Nakamura, I., N. Takahashi, N. Udagawa, Y. Moriyama, T. Kurokawa, E. Jimi, T. Sasaki and T. Suda, Lack of vacuolar proton ATPase association with the cytoskeleton in osteoclasts of osteosclerotic (*ocloc*) mice (401) 207  
 Nakamura, K., S. Era, Y. Ozaki, M. Sogami, T. Hayashi and M. Murakami, Conformational changes in seventeen cystine disulfide bridges of bovine serum albumin proved by Raman spectroscopy (417) 375  
 Nakamura, M. see S. Toma (408) 5  
 Nakamura, M., A. Tsunoda, Y. Furukawa, T. Sakai and M. Saito, Rapid internalization of exogenous ganglioside GM3 and its metabolism to ceramide in human myelogenous leukemia HL-60 cells compared with control ganglioside GM1 (400) 350  
 Nakamura, N. see N. Shiota (406) 301  
 Nakamura, T. see K. Date (420) 1  
 Nakamura, T. see T. Kaido (411) 378  
 Nakamura, T. see K. Tanaka (402) 223  
 Nakamura, Y., T.-A. Eto, T. Taniguchi, K. Miyamoto, J. Nagatomo, H. Shiotsuki, H. Sueta, S. Higashi, K.-I. Okuda and T. Setoguchi, Purification and characterization of 25-hydroxyvitamin D<sub>3</sub> 1 $\alpha$ -hydroxylase from rat kidney mitochondria (419) 45  
 Nakanishi, M. see R. Okayama (408) 232  
 Nakanishi, T. see M. Okabe (407) 313  
 Nakanishi-Shindo, Y. see K. Nakayama (412) 547  
 Nakano, K. see F. Motegi (420) 161  
 Nakano, M. see Y. Yamamoto (412) 461  
 Nakano, T. see M. Mukaide (407) 51  
 Nakano, T. see S. Nishida (416) 69  
 Nakano, T. see K. Tanabe (408) 306  
 Nakano, Y. see W. Masuda (405) 104  
 Nakao, K. see J. Matsuda (418) 200  
 Nakao, K. see K. Mori (401) 218  
 Nakao, K. see K. Mori (417) 371  
 Nakashima, K. see Y. Watanabe (400) 108  
 Nakashima, K., M. Narazaki and T. Taga, Overlapping and distinct signals through leptin receptor (OB-R) and a closely related cytokine signal transducer, gp130 (401) 49  
 Nakashima, K., M. Narazaki and T. Taga, Leptin receptor (OB-R) oligomerizes with itself but not with its closely related cytokine signal transducer gp130 (403) 79  
 Nakashima, Y., S. Nishimura, A. Maeda, E.L. Barsoumian, Y. Hakamata, J. Nakai, P.D. Allen, K. Imoto and T. Kita, Molecular cloning and characterization of a human brain ryanodine receptor (417) 157  
 Nakayama, H. see A. Yamada (409) 380  
 Nakayama, K., Y. Nakanishi-Shindo, A. Tanaka, Y. Haga-Toda and Y. Jigami, Substrate specificity of  $\alpha$ -1,6-mannosyltransferase that initiates *N*-linked mannose outer chain elongation in *Saccharomyces cerevisiae* (412) 547  
 Nambirajan, S. see V. Radha (409) 33  
 Namiki, H. see Y. Yokoyama (412) 153  
 Nanba, E. see Y. Watanabe (400) 108  
 Napoli, C. see P. Abete (412) 79  
 Nara, M. see M. Mizuguchi (417) 153  
 Narazaki, M. see I.-S. Lee (401) 133  
 Narazaki, M. see K. Nakashima (401) 49  
 Narazaki, M. see K. Nakashima (403) 79  
 Nariya, H., A. Nishiyama and Y. Kamio, Identification of the minimum segment in which the threonine<sup>246</sup> residue is a potential phosphorylated site by protein kinase A for the LukS-specific function of staphylococcal leukocidin (415) 96  
 Narizhneva, N.V. see V.N. Uversky (410) 280  
 Nars, M. see M. Vihinen (413) 205  
 Narula, S.K. see C.A. Lunn (400) 333  
 Narumiya, S. see T. Ishizaki (404) 118  
 Narumiya, S. see H. Oida (417) 53  
 Narumiya, S., T. Ishizaki and N. Watanabe, Rho effectors and reorganization of actin cytoskeleton (410) 68  
 Nastainczyk, W. see J. Volkmer (406) 291  
 Nasu, M., T. Sugimoto and K. Chihara, Stimulatory effects of parathyroid hormone and 1,25-dihydroxyvitamin D<sub>3</sub> on insulin-like growth factor-binding protein-5 mRNA expression in osteoblastic UMR-106 cells: the difference between transient and continuous treatments (409) 63  
 Naß, A. see K. Akama (417) 213  
 Natochin, M., V.M. Lipkin and N.O. Artemyev, Interaction of human retinal RGS with G-protein  $\alpha$ -subunits (411) 179  
 Natori, S. see Y. Nakajima (415) 64

- Natura, G. see G. Saalbach (413) 294
- Nauen, O. see R. Kinscherf (405) 55
- Naval, J. see S. Gamen (417) 360
- Nawata, H. see W. Liu (420) 103
- Nayar, S. and D. Bhattacharyya, UDP-galactose 4-epimerase from *Escherichia coli*: existence of a catalytic monomer (409) 449
- Nazarova, T. see S. Avaeva (410) 502
- Neal, D.E. see A.M. Betts (405) 328
- Nechushtan, H. see H. Cassuto (412) 597
- Nechushtan, H. see M. Ligumsky (413) 436
- Nedergaard, J. see A. Koivisto (417) 75
- Nee, L.E. see M. Okochi (418) 162
- Néel, D. see G. Lizard (419) 276
- Neeser, J.-R. see D. Schmid (414) 590
- Negishi, M. see H. Hizaki (414) 323
- Negro, A., V. De Filippis, S.D. Skaper, P. James and M. Sorgato, The complete mature bovine prion protein highly expressed in *Escherichia coli*: biochemical and structural studies (412) 359
- Negrutskii, B.S. see Z.M. Petrushenko (407) 13
- Negulyaev, Y.A. see A.V. Maximov (412) 94
- Neidle, S. see C.M. Nunn (416) 86
- Neiss, H.G. see W. Schiweck (414) 33
- Nelman-Gonzalez, M. see S. Che (413) 417
- Nemes, Z. see Z. Szondi (404) 307
- Nemoto, A. see Y.-K. Liu (420) 112
- Nemoto, K. see S. Tanaka (417) 203
- Nemoto, N., E. Miyamoto-Sato, Y. Husimi and H. Yanagawa, In vitro virus: Bonding of mRNA bearing puromycin at the 3'-terminal end to the C-terminal end of its encoded protein on the ribosome in vitro (414) 405
- Nesci, C. see E. Conte (400) 315
- Neshich, G. see S.M. de Freitas (409) 121
- Nesmeyanova, M.A., A.L. Karamyshev, Z.N. Karamysheva, A.E. Kalinin, V.N. Ksenzenko and A.V. Kajava, Positively charged lysine at the N-terminus of the signal peptide of the *Escherichia coli* alkaline phosphatase provides the secretion efficiency and is involved in the interaction with anionic phospholipids (403) 203
- Neth, P. see C. Randak (410) 180
- Neuhaus, E.M. see J. Monnat (418) 357
- Neuhof, T. see W. Kallow (414) 74
- Neumann, E. see N.I. Hristova (415) 81
- Neupert, W. see I. Arnold (411) 195
- Neupert, W. see K. Hell (418) 367
- Neuschäfer-Rube, F., K. Hänecke and G.P. Püschel, The C-terminal domain of the human EP<sub>3</sub> receptor confers agonist-induced receptor desensitization in a receptor hybrid with the rat EP<sub>3B</sub> receptor (415) 119
- Neuschäfer-Rube, F., K. Hänecke, V. Blaschke, K. Jungermann and G.P. Püschel, The C-terminal domain of the G<sub>s</sub>-coupled EP<sub>4</sub> receptor confers agonist-dependent coupling control to G<sub>i</sub> but no coupling to G<sub>s</sub> in a receptor hybrid with the G<sub>i</sub>-coupled EP<sub>3</sub> receptor (401) 185
- Nevalainen, H. see B.W. Hazell (414) 353
- Nevinsky, G.A. see D.V. Bugreev (407) 18
- Nevinsky, G.A. see T.G. Kanyshkova (416) 23
- Nevskaya, N. see J. Unge (411) 53
- Newton, R., D.A. Stevens, L.A. Hart, M. Lindsay, I.M. Adcock and P.J. Barnes, Superinduction of COX-2 mRNA by cycloheximide and interleukin-1 $\beta$  involves increased transcription and correlates with increased NF- $\kappa$ B and JNK activation (418) 135
- Neyses, L. see C. Grohé (416) 107
- Neyt, P. see N. Terryn (416) 156
- Nezu, J. see I. Tamai (419) 107
- Ng, Y.P. see S. Pun (418) 275
- Ng, Y.P. see J.F. Yang (403) 163
- Ngo, T.-H., S. Debrock and P.J. Declerck, Identification of functional synergism between monoclonal antibodies. Application to the enhancement of plasminogen activator inhibitor-1 neutralizing effects (416) 373
- Nguyen Van, P. see J. Füllekrug (404) 75
- Ni, F. see S.E. Warder (411) 19
- Nicholl, J.K. see D. Stapleton (409) 452
- Nicholls, D.G. see S.L. Budd (415) 21
- Nicholov, R., D.G.I. Kingston, M.C. Chordia and F. DiCosmo, Molecular mobility of nitroxyl-labelled taxol during tubulin assembly (405) 73
- Nickel, W. and F.T. Wieland, Biogenesis of COPI-coated transport vesicles (413) 395
- Nickerson, D.P., C.F. Harford-Cross, S.R. Fulcher and L.-L. Wong, The catalytic activity of cytochrome P450<sub>cmh</sub> towards styrene oxidation is increased by site-specific mutagenesis (405) 153
- Nicolas, E., J.M. Beggs, B.M. Haltiwanger and T.F. Taraschi, Direct evidence for the deoxyribonuclease activity of the plant ribosome inactivating protein gelonin (406) 162
- Nicolas, P. see A. Ladram (403) 287
- Nicolas, P. see V. Vouille (414) 27
- Nicolini, A. see C. Guastadisegni (413) 314
- Nielsen, B.B., J.S. Kastrup, H. Rasmussen, T.L. Holtet, J.H. Graversen, M. Etzerodt, H.C. Thøgersen and I.K. Larsen, Crystal structure of tetranectin, a trimeric plasminogen-binding protein with an  $\alpha$ -helical coiled coil (412) 388
- Nielsen, C. see N. Mobashery (412) 15
- Nielsen, J. see T. Hirata (412) 337
- Nielsen, J.M. see P.A. Pedersen (400) 206
- Niemann, H. see J. Lang (419) 13
- Niemelä, R. see H. Salminen (419) 220
- Nieminen, M.M. see M. Erhola (409) 287
- Nieto, P.M., B. Birdsall, W.D. Morgan, T.A. Frenkiel, A.R. Gargaro and J. Feeney, Correlated bond rotations in interactions of arginine residues with ligand carboxylate groups in protein ligand complexes (405) 16
- Nieto, P.M., B. Birdsall, W.D. Morgan, T.A. Frenkiel, A.R. Gargaro and J. Feeney, Corrigendum to: Correlated bond rotations in interactions of arginine residues with ligand carboxylate groups in protein ligand complexes (FEBS 18292) [FEBS Letters 405 (1997) 16–20] (418) 228
- Nieuwenhuizen, W.F. see M. van der Stelt (411) 287
- Nieuwenhuizen, W.F. see M. van der Stelt (415) 313
- Nievers, M. see M.A.G. Van der Heyden (410) 265
- Niewiarowski, S. see D.J. Butcher (409) 183
- Niewiarowski, S. see J.J. Calvete (416) 197
- Nigro, V. see M. Yoshida (403) 143
- Niidome, T. see T. Fujisawa (414) 79
- Niimi, T. and Y. Kitagawa, Distinct roles of mouse laminin  $\beta$ 1 long arm domains for  $\alpha$ 1 $\beta$ 1 $\gamma$ 1 trimer formation (400) 71
- Niki, E. see H. Kondo (413) 236
- Nikoh, N. see H. Suga (412) 540
- Nikolenko, H. see M. Dathe (403) 208
- Nikonov, S. see J. Unge (411) 53
- Nikonova, L.V. see I.V. Beletskaya (412) 91
- Nikonowicz, E.P., K. Kalurachchi and E. DeJong, Comparison of H5 and H8 relaxation rates of a  $^2\text{H}/^{13}\text{C}/^{15}\text{N}$  labeled RNA oligonucleotide with selective protonation at C5 and C8 (415) 109
- Nikoskelainen, E. see A. Majander (412) 351
- Nilsson, B.O. see M. Jansson (416) 259
- Nilsson, L. and R. Folkesson, Coexistence of somatostatin receptor subtypes in the human neuroblastoma cell line LA-N-2 (401) 83
- Nilsson, M. see B. Walse (412) 115
- Nimt, M. see N.S. Melo (415) 186
- Nindl, G., J.A. Swez, J.M. Miller and W.X. Balcavage, Growth stage dependent effects of electromagnetic fields on DNA synthesis of Jurkat cells (414) 501
- Ninkina, N.N. see J.A. Davies (410) 378
- Niot, I. see H. Poirier (412) 480
- Nir, U. see O. Bern (403) 45
- Nishida, S., T. Nakano, S. Kimoto, T. Kusunoki, K. Suzuki, N. Taniguchi, K. Murata and T.T. Tomura, Induction of manganese superoxide dismutase by thyroid stimulating hormone in rat thyroid cells (416) 69
- Nishiguchi, M., K. Yoshida, T. Sumizono and K. Tazaki, Studies by site-directed mutagenesis of the carbohydrate-binding properties of a bark lectin from *Robinia pseudoacacia* (403) 294
- Nishijima, M. see H. Yamamoto (417) 196
- Nishikawa, A. see K. Kinoshita (403) 112
- Nishikawa, H. see Md.R. Islam (415) 352
- Nishikawa, K. see M. Ota (415) 129
- Nishikawa, K. see H. Sumikawa (404) 234
- Nishikawa, K. see H. Sumikawa (411) 395
- Nishikawa, M. see H. Yu (409) 161
- Nishikawa, M., E.F. Sato, T. Kuroki and M. Inoue, Role of glutathione and nitric oxide in the energy metabolism of rat liver mitochondria (415) 341
- Nishikawa, S. see D. Vishnuvardhan (402) 209
- Nishimoto, I. see U. Giambarella (412) 97
- Nishimoto, I. see K. Komatsuzaki (406) 165
- Nishimune, Y. see M. Okabe (407) 313

- Nishimura, H. see J. Matsuda (418) 200  
 Nishimura, M. see S. Mano (413) 21  
 Nishimura, N. see K. Yamamoto (414) 182  
 Nishimura, S. see Y. Nakashima (417) 157  
 Nishimura, S.-I. see T. Suzuki (404) 192  
 Nishina, H. see W. Masuda (405) 104  
 Nishito, Y. see O. Tanabe (408) 52  
 Nishiya, T., T. Uehara, H. Edamatsu, Y. Kaziro, H. Itoh and Y. Nomura, Activation of Stat1 and subsequent transcription of inducible nitric oxide synthase gene in C6 glioma cells is independent of interferon- $\gamma$ -induced MAPK activation that is mediated by p21<sup>ras</sup> (408) 33  
 Nishiyama, A. see H. Nariya (415) 96  
 Nishiyama, K. see T. Shirahama (407) 97  
 Nishizawa, M. see D.V. Bugreev (407) 18  
 Nishizawa, Y. see Y. Nagai (418) 23  
 Nishizuka, Y. see F. Hüllin-Matsuda (419) 117  
 Nitta, K. see M. Mizuguchi (417) 153  
 Niwa, T., T. Katsuzaki, Y. Ishizaki, F. Hayase, T. Miyazaki, T. Uematsu, N. Tatemichi and Y. Takei, Imidazolone, a novel advanced glycation end product, is present at high levels in kidneys of rats with streptozotocin-induced diabetes (407) 297  
 Niwa, Y. see M. Yano (419) 244  
 Noack, H. see H. Possel (416) 175  
 Noble, F. and B.P. Roques, Association of aminopeptidase N and endopeptidase 24.15 inhibitors potentiate behavioral effects mediated by nociceptin/orphanin FQ in mice (401) 227  
 Nock, S., J.A. Spudich and P. Wagner, Reversible, site-specific immobilization of polyarginine-tagged fusion proteins on mica surfaces (414) 233  
 Noegel, A. see W. Kalus (401) 127  
 Noegel, A.A. see E. Bracco (419) 37  
 Noel, A. see E.N. Baramova (405) 157  
 Noguchi, H. and Y. Hayakawa, Role of dopamine at the onset of pupal diapause in the cabbage armyworm *Mamestra brassicae* (413) 157  
 Noguchi, S. see M. Yoshida (403) 143  
 Noguchi, T. see H. Fukuda (406) 243  
 Nogueira, R.A. see C.M.M. Carneiro (416) 187  
 Noguti, T. see K. Takahashi (405) 47  
 Noji, M. see R. Okayama (408) 232  
 Noji, S. see N. Kinto (404) 319  
 Nojima, H. see Y. Kanaoka (402) 73  
 Nomoto, K. see H. Minakata (410) 437  
 Nomura, R., C. Inuo, Y. Takahashi, T. Asano and T. Fujimoto, Two-dimensional distribution of G<sub>12 $\alpha$</sub>  in the plasma membrane: a critical evaluation by immunocytochemistry (415) 139  
 Nomura, T. see A. Fujishima (407) 47  
 Nomura, T. see Y. Tanaka (413) 162  
 Nomura, Y. see T. Nishiya (408) 33  
 Nomura, Y. see Y. Ohsaka (402) 246  
 Nonaka, I. see Y. Miyagoe (415) 33  
 Nonogaki, T. see Y. Toyoda (415) 281  
 Nonoguchi, H. see S. Masuda (407) 127  
 Nord, J., G. Larsson, J.-O. Kvassman, A.M. Rosengren and P.O. Nyman, dUTPase from the retrovirus equine infectious anemia virus: specificity, turnover and inhibition (414) 271  
 Nordberg, P. see C. Björkregren-Sjögren (418) 258  
 Nordheim, A. see I. Bredemeier-Ernst (408) 47  
 Nore, B.F. see M. Vihinen (413) 205  
 Norin, A. see L. Hjelmqvist (416) 99  
 Norman, J.E. and M.W. Gray, The cytochrome oxidase subunit 1 gene (*cox1*) from the dinoflagellate, *Cryptocodinium cohnii* (413) 333  
 Noronkoski, T., I.B. Stoineva, D.D. Petkov and I. Mononen, Recombinant human glycosylasparaginase catalyzes hydrolysis of L-asparagine (412) 149  
 Norris, F. see K. Norris (415) 243  
 Norris, K., F. Norris, D.H. Kono, H. Vestergaard, O. Pedersen, A.N. Theofilopoulos and N.P.H. Möller, Expression of protein-tyrosine phosphatases in the major insulin target tissues (415) 243  
 Norton, R.S. see P.K. Pallaghy (419) 191  
 Nosaka, A.Y. see K. Kanaori (412) 301  
 Noto, M. see K. Kinoshita (403) 112  
 Nouel, D. see K.-T. Lê (418) 195  
 Noutsias, M. see A. Doerner (414) 258  
 Novelli, G. see M. Lucarelli (401) 53  
 Novick, P. see W. Guo (404) 135  
 Novikova, S.I. see A.B. Shevelev (404) 148  
 Nunn, C.M., J.O. Trent and S. Neidle, A model for the [C<sup>+</sup>-G•C]<sub>3</sub> triple helix derived from observation of the C<sup>+</sup>-G•C base triplet in a crystal structure (416) 86  
 Nussler, A.K. see S. Gansauge (410) 160  
 Nwaka, S. see H. Zähringer (412) 615  
 Nygård, O. see B. Riis (407) 21  
 Nyman, P.O. see J. Nord (414) 271
- ## O
- O'Brien, J.S. see K. Harzer (417) 270  
 O'Brien, M. see L.C. Bourne (414) 576  
 O'Connor, M. see C. Szabó (409) 147  
 O'Donnel, V. see L. Brambilla (418) 247  
 O'Gorman, E., G. Beutner, M. Dolder, A.P. Koretsky, D. Brdiczka and T. Wallimann, The role of creatine kinase in inhibition of mitochondrial permeability transition (414) 253  
 O'Shea, D. see A.P. Goldstone (415) 134  
 Oakley, A.J., M. Lo Bello, A.P. Mazzetti, G. Federici and M.W. Parker, The glutathione conjugate of ethacrynic acid can bind to human pi class glutathione transferase P1-1 in two different modes (419) 32  
 Oba, K. see W. Liu (420) 103  
 Obara, M. and K. Yoshizato, A novel domain of fibronectin revealed by epitope mapping of a monoclonal antibody which inhibits fibroblasts-mediated collagen gel contraction (412) 48  
 Obata, S. see T. Hirayama (413) 16  
 Oberle, S. see H.-P. Podhaisky (417) 349  
 Oberle, S. see T. Polte (409) 46  
 Oberle, S. see T. Ullrich (406) 66  
 Obermann, W.M.J. see T. Giebing (417) 191  
 Obinger, C. see U. Burner (411) 269  
 Obosi, L.A., R. Hen, D.J. Beadle, I. Bermudez and L.A. King, Mutational analysis of the mouse 5-HT<sub>7</sub> receptor: importance of the third intracellular loop for receptor-G-protein interaction (412) 321  
 Obuchi, K. see H. Iwahashi (416) 1  
 Ochi, H. see M. Erhola (409) 287  
 Ochi, H. see J. Leinonen (417) 150  
 Ochlich, P.P. see D. Hock (400) 221  
 Ochs, H.D. see M. Vihinen (413) 205  
 Oda, O. see N. Yamanaka (401) 230  
 Oda, O. see N. Yamanaka (405) 186  
 Oda, T., T. Funai and A. Ichiyama, Induction by peroxisome proliferators and triiodothyronine of serine:pyruvate/alanine:glyoxylate aminotransferase of rat liver (418) 265  
 Oda, Y. see H. Itakura (412) 107  
 Oda, Y., L.C. Timpe, R.C. McKenzie, D.N. Sauder, C. Largman and T. Mauro, Alternatively spliced forms of the cGMP-gated channel in human keratinocytes (414) 140  
 Odaka, M. see K. Motohashi (412) 633  
 Odaka, M. see E. Muneyuki (413) 55  
 Odani, T., Y. Shimma, X.-H. Wang and Y. Jigami, Mannosylphosphate transfer to cell wall mannan is regulated by the transcriptional level of the *MNN4* gene in *Saccharomyces cerevisiae* (420) 186  
 Oehlke, J., E. Krause, B. Wiesner, M. Beyermann and M. Bienert, Extensive cellular uptake into endothelial cells of an amphipathic  $\beta$ -sheet forming peptide (415) 196  
 Oesch, B. see S. Hornemann (413) 277  
 Oesterheld, C., C. Schnarrenberger and W. Gross, The reaction mechanism of phosphomannomutase in plants (401) 35  
 Oesterheld, D. see J.M. Ortega (401) 153  
 Oettmeier, W. see G. Sopp (409) 343  
 Oganessyan, V. see S. Awaev (410) 502  
 Ogasawara, T. see R.A. Furuta (415) 231  
 Ogasawara, T. see M. Kawamura (415) 227  
 Ogasawara, Y. see Y. Kuroki (414) 387  
 Ogata, E. see K. Komatsuzaki (406) 165  
 Ogawa, H. see A. Satoh (405) 107  
 Ogawa, M. see T. Takabatake (410) 485

- Ogawa, W. see G.I. Welsh (410) 418  
 Ogawa, Y. see K. Mori (401) 218  
 Ogawa, Y. see K. Mori (417) 371  
 Oggero, R. see A. Cantisani (412) 515  
 Ogihara, T. see Y. Fukushima (409) 283  
 Ogimoto, M. see K. Mizuno (417) 6  
 Ogura, K. see M. Takahashi (418) 115  
 Ogura, T. see T. Furukawa (403) 111  
 Oh, C. see S. Brody (408) 217  
 Oh, C.S. see J.J. Garcia (408) 297  
 Oh, G.T. see H.M. Kim (412) 201  
 Ohama, E. see Y. Watanabe (400) 108  
 Ohana, P. see H. Weinhouse (416) 207  
 Ohara, O. see A.H. Iwane (407) 235  
 Ohashi, K. see K. Harada (411) 63  
 Ohashi, K. see K. Tanabe (408) 306  
 Ohba, A., T. Mizushima, T. Katayama and K. Sekimizu, Amounts of proteins altered by mutations in the *dnaA* gene of *Escherichia coli* (404) 125  
 Ohba, K. see M. Mukaide (407) 51  
 Ohba, M., Modulation of intracellular protein degradation by SSB1-SIS1 chaperon system in yeast *S. cerevisiae* (409) 307  
 Ohga, T. see K. Koike (417) 390  
 Ohguro, H., High levels of rhodopsin phosphorylation in missense mutations of C-terminal region of rhodopsin (413) 433  
 Ohi, Y. see T. Shirahama (407) 97  
 Ohishi, H. see H. Oida (417) 53  
 Ohkuma, S. see K. Kinoshita (403) 112  
 Ohmiya, Y. and F.I. Tsuji, Mutagenesis of firefly luciferase shows that cysteine residues are not required for bioluminescence activity (404) 115  
 Ohmura, S. see S. Tanaka (417) 203  
 Ohnishi, H. see S. Sano (411) 327  
 Ohno, S. see T. Ichimura (413) 273  
 Ohno, S. see S. Osada (404) 227  
 Ohsaka, Y., Y. Tokumitsu and Y. Nomura, Suppression of insulin-stimulated phosphatidylinositol 3-kinase activity by the  $\beta_1$ -adrenoceptor agonist CL316243 in rat adipocytes (402) 246  
 Ohta, D. see K. Fujimori (413) 226  
 Ohta, D. see K. Kanaori (412) 301  
 Ohta, H. see N. Kubo (409) 177  
 Ohta, S., S. Usami, J. Ueki, T. Kumashiro, T. Komari and J.N. Burnell, Identification of the amino acid residues responsible for cold tolerance in *Flaveria brownii* pyruvate, orthophosphate dikinase (403) 5  
 Ohtake, A. see H. Higashi (414) 55  
 Ohtake, A. see K. Sato (414) 480  
 Ohtani-Fujita, N. see S. Minami (411) 1  
 Ohto, C. see T. Hirayama (413) 16  
 Ohtsuji, Y. see K. Kohda (407) 280  
 Ohtsuka, H., H. Yajima, K. Maruyama and S. Kimura, Binding of the N-terminal 63 kDa portion of connectin/titin to  $\alpha$ -actinin as revealed by the yeast two-hybrid system (401) 65  
 Ohuchi, H. see N. Kinto (404) 319  
 Ohya, S., M. Tanaka, T. Oku, Y. Asai, M. Watanabe, W.R. Giles and Y. Imaizumi, Molecular cloning and tissue distribution of an alternatively spliced variant of an A-type  $K^+$  channel  $\alpha$ -subunit, Kv4.3 in the rat (420) 47  
 Ohya, S., T. Takii, H.F. Yamazaki, M. Matsumori, K. Onozaki, M. Watanabe and Y. Imaizumi, Molecular cloning of a novel gene involved in serotonin receptor-mediated signal transduction in rat stomach (401) 252  
 Ohya, Y. see M. Kawasaki (412) 518  
 Oida, H., M. Hirata, Y. Sugimoto, F. Ushikubi, H. Ohishi, N. Mizuno, A. Ichikawa and S. Narumiya, Expression of messenger RNA for the prostaglandin D receptor in the leptomeninges of the mouse brain (417) 53  
 Oida, S. see H. Hikiji (410) 238  
 Oikarinen, J. see T. Tarkka (406) 56  
 Oivanen, M. see G.P. Moiseyev (404) 169  
 Oka, N. see T. Ebina (401) 223  
 Oka, N. see T. Ebina (411) 393  
 Oka, Y. see T. Murata (406) 109  
 Okabe, M., M. Ikawa, K. Kominami, T. Nakanishi and Y. Nishimune, 'Green mice' as a source of ubiquitous green cells (407) 313  
 Okada, H., R. Takei and M. Tashiro, HIV-1 Nef protein-induced apoptotic cytolysis of a broad spectrum of uninfected human blood cells independently of CD95(Fas) (414) 603  
 Okada, H., R. Takei and M. Tashiro, Nef protein of HIV-1 induces apoptotic cytolysis of murine lymphoid cells independently of CD95 (Fas) and its suppression by serine/threonine protein kinase inhibitors (417) 61  
 Okada, K. see M. Erhola (409) 287  
 Okada, K. see J. Leinonen (417) 150  
 Okada, M. see Y. Takayama (406) 11  
 Okamoto, M. see T. Takabatake (410) 485  
 Okamura-Oho, Y., S. Zhang, J.W. Callahan, M. Murata, A. Oshima and Y. Suzuki, Maturation and degradation of  $\beta$ -galactosidase in the post-Golgi compartment are regulated by cathepsin B and a non-cysteine protease (419) 231  
 Okawa, Y. see K. Ikuta (414) 338  
 Okayama, R., M. Noji and M. Nakanishi, Cationic cholesterol with a hydroxyethylamino head group promotes significantly liposome-mediated gene transfection (408) 232  
 Okazaki, I. see Y. Kanaoka (402) 73  
 Okochi, M., K. Ishii, M. Usami, N. Sahara, F. Kametani, K. Tanaka, P.E. Fraser, M. Ikeda, A.M. Saunders, L. Hendriks, S.-I. Shoji, L.E. Nee, J.-J. Martin, C. Van Broeckhoven, P.H. St. George-Hyslop, A.D. Roses and H. Mori, Proteolytic processing of presenilin-1 (PS-1) is not associated with Alzheimer's disease with or without *PS-1* mutations (418) 162  
 Oku, A. see I. Tamai (419) 107  
 Oku, T. see S. Ohya (420) 47  
 Okubo, K. and K. Matsubara, Complementary DNA sequence (EST) collections and the expression information of the human genome (403) 225  
 Okubo, T. see Y. Yokoyama (412) 153  
 Okuda, K.-I. see Y. Nakamura (419) 45  
 Okuma, M. see J.M. Gibbins (413) 255  
 Okumura, Y., H. Sato, M. Seiki and H. Kido, Proteolytic activation of the precursor of membrane type 1 matrix metalloproteinase by human plasmin. A possible cell surface activator (402) 181  
 Okuno, E. see S. Toma (408) 5  
 Okuno, M. see S. Imai (411) 102  
 Okuse, K. see L. Sivilotti (409) 49  
 Okuyama, I. see Y. Shikamoto (412) 526  
 Olamendi-Portugal, T. see F. Gómez-Lagunas (400) 197  
 Olasz, F., T. Farkas, R. Stalder and W. Arber, Mutations in the carboxy-terminal part of IS30 transposase affect the formation and dissolution of (IS30)<sub>2</sub> dimer (413) 453  
 Olate, J. see M. Torrejón (404) 91  
 Olesen, C., K.K. Thomsen, I. Svendsen and A. Brandt, The glyoxysomal 3-ketoacyl-CoA thiolase precursor from *Brassica napus* has enzymatic activity when synthesized in *Escherichia coli* (412) 138  
 Olesen, S.-P. see P.K. Ahring (415) 67  
 Olijve, W. see N.J. Stam (413) 489  
 Oliva, J.L. see A.-M. Valencia (406) 42  
 Olivera, B.M. see T.B. Stanley (407) 85  
 Oliverio, A. see M. Pomponi (409) 155  
 Olliaro, P. see N. Basilico (409) 297  
 Ollivier-Bousquet, M. see M. Lkhider (401) 117  
 Ollivon, M. see T. Boukhnikachvili (409) 188  
 Olmo, N. see D. Arboledas (416) 217  
 Olsen, O.-A. see H. Rudi (419) 124  
 Olson, K.R. see Y. Takei (414) 377  
 Olswang, Y. see H. Cassuto (412) 597  
 Omary, M. see J. Liao (417) 316  
 Omata, M. see M. Takahashi (418) 115  
 Omata, S. see T. Ichimura (413) 273  
 Omi, N. see K. Ando (413) 462  
 Omori, A. see H. Higashi (414) 55  
 Omori, A. see S. Sano (411) 327  
 Omori, A. see K. Sato (414) 480  
 Omori, K. see N. Yanaka (418) 333  
 Omura, S. see F. Tokunaga (412) 65  
 Omura, S. see F. Tokunaga (415) 351  
 Onetti, R. see J. Baulida (418) 63  
 Onetti, R., J. Baulida and A. Bassols, Increased glucose transport in ras-transformed fibroblasts: a possible role for *N*-glycosylation of GLUT1 (407) 267

- Onishi, I., T. Tani, T. Hashimoto, K. Shimizu, M. Yagi, K. Yamamoto and K. Yoshioka, Activation of c-Jun N-terminal kinase during ischemia and reperfusion in mouse liver (420) 201
- Ono, H. see T. Akagi (406) 263
- Ono, K. see H. Suga (412) 540
- Ono, M. see S. Ushiro (418) 341
- Ono, Y. see H. Konishi (410) 493
- Onoiko, E.B. see E.K. Zolotareva (412) 375
- Onozaki, K. see S. Ohya (401) 252
- Oohashi, M. see K. Takahashi (405) 47
- Opdenakker, G. see N. Zhou (414) 562
- Ordentlich, A. see R. Barak (407) 347
- Orfanos, C.E. see T. Wieder (411) 260
- Orito, E. see M. Mukaide (407) 51
- Orrenius, S. see S.C. Chow (408) 141
- Orrenius, S. see M.B. Hampton (414) 552
- Ortega, A. see T. López (405) 245
- Ortega, J.M., B. Dohse, D. Oesterhelt and P. Mathis, Very fast electron transfer from cytochrome to the bacterial photosynthetic reaction center at low temperature (401) 153
- Ortego, J., J. Escribano and M. Coca-Prados, Cloning and characterization of subtracted cDNAs from a human ciliary body library encoding *TIGR*, a protein involved in juvenile open angle glaucoma with homology to myosin and olfactomedin (413) 349
- Ortel, B. see R. Kramell (414) 197
- Orzáez, D. and A. Granell, The plant homologue of the *defender against apoptotic death* gene is down-regulated during senescence of flower petals (404) 275
- Osada, S., M. Izawa, T. Koyama, S. Hirai and S. Ohno, A domain containing the Cdc42/Rac interactive binding (CRIB) region of p65<sup>PAK</sup> inhibits transcriptional activation and cell transformation mediated by the Ras-Rac pathway (404) 227
- Osawa, A. see M.E. McGrath (413) 486
- Osawa, M. see M. Masuda (408) 331
- Osawa, T. see M. Erhola (409) 287
- Osawa, T. see K. Uchida (410) 313
- Osharov, N. and A. Levitzki, Tyrphostin AG494 blocks Cdk2 activation (410) 187
- Oshima, A. see Y. Okamura-Oho (419) 231
- Oshima, M. see M. Shimura (417) 379
- Oshima, M. see Y. Yokoyama (412) 153
- Oshima, T. see S. Akanuma (410) 141
- Oshima, T. see T. Iwasaki (417) 223
- Oshima, Y. see K. Fujimori (413) 226
- Osinaga, E., D. Tello, C. Batthyany, M. Bianchet, G. Tavares, R. Durán, C. Cerveñansky, L. Camoin, A. Roseto and P.M. Alzari, Amino acid sequence and three-dimensional structure of the Tn-specific isolectin B4 from *Vicia villosa* (412) 190
- Osman, A.A. see G. Birkenmeier (416) 193
- Ossina, N. see J. Unge (411) 53
- Oster, G. see B.S. Glick (414) 177
- Osteroth, R. see U. Brändle (404) 294
- Ostrowski, J. see K. Bomszyk (403) 113
- Osuga, J. see K. Harada (411) 63
- Ota, M., Y. Isogai and K. Nishikawa, Structural requirement of highly-conserved residues in globins (415) 129
- Otsuki, T. see K. Sato (410) 136
- Ottaviani, E., E. Caselgrandi and D. Kletsas, Effect of PDGF and TGF- $\beta$  on the release of biogenic amines from invertebrate immunocytes and their possible role in the stress response (403) 236
- Otten-Evans, C. see J. Müllberg (401) 235
- Ottensmeyer, P. see J.-R. Alattia (417) 405
- Otto, W.R. see N.A. Wright (408) 121
- Ottolenghi, M. see X. Fu (416) 167
- Ouazzani, J. see A. Renodon (406) 33
- Oudega, B. see E. de Leeuw (416) 225
- Oughideni, R. see R. Kharrat (406) 284
- Oumi, T. see H. Minakata (410) 437
- Óvádi, J. see J. Puigjaner (418) 47
- Owen, W.G. see R. Machovich (407) 93
- Owens, T.G. see A.Ya. Shkuropatov (420) 171
- Oya, T. see K. Uchida (410) 313
- Oyunsuren, T. see M. Mukaide (407) 51
- Ozaki, K. see A.K. Satoh (404) 65
- Ozaki, K., H. Takeda, H. Iwahashi, S. Kitano and S. Hanazawa, NF- $\kappa$ B inhibitors stimulate apoptosis of rabbit mature osteoclasts and inhibit bone resorption by these cells (410) 297
- Ozaki, S. see K. Mori (401) 218
- Ozaki, S. see K. Mori (417) 371
- Ozaki, Y. see K. Nakamura (417) 375
- Ozaki, Y. see Y. Yatomi (417) 341
- Ozawa, E. see M. Yoshida (403) 143
- Ozawa, F. see A. Kato (412) 183
- Ozawa, M. see T. Shirahama (407) 97
- Ozawa, S. see Y. Yokoyama (412) 153
- Ozawa, T. see Y. Miura (419) 99
- Ozon, R. see H.Y.L. Tung (401) 197

## P

- Pääbo, S. see G. Börner (409) 320
- Pacchioni, B. see G. Valle (415) 163
- Packer, H.L., H. Lawther and J.P. Armitage, The *Rhodobacter sphaeroides* flagellar motor is a variable-speed rotor (409) 37
- Packer, L. see J.J. Thiele (401) 167
- Packman, L.C., K. Kubota, J. Parker and N.J. Gay, Casein kinase II phosphorylates Ser<sup>468</sup> in the PEST domain of the *Drosophila* I $\kappa$ B homologue cactus (400) 45
- Padyukova, N.Sh. see V.L. Tunitskaya (400) 263
- Paemen, L. see N. Zhou (414) 562
- Páez, E. see A. Luque (413) 265
- Paganga, G. and C.A. Rice-Evans, The identification of flavonoids as glycosides in human plasma (401) 78
- Pagano, G. see D. Monti (409) 365
- Paglialunga Paradisi, M. see M. Cirilli (418) 319
- Pahari, S. and D. Chatterji, Interaction of bacteriophage T4 *AsiA* protein with *Escherichia coli*  $\sigma^{70}$  and its variant (411) 60
- Pak, J.H., C.Y. Liu, J. Huangpu and J.S. Graham, Construction and characterization of the soybean leaf metalloproteinase cDNA (404) 283
- Pakdel, F. see K.J. Armour (411) 145
- Palamarchuk, A.Y., P. Holthuizen, W.E.G. Müller, J.S. Sussenbach and V.M. Kavan, Organization and expression of the chum salmon insulin-like growth factor II gene (416) 344
- Palazzotti, B. see M.E. De Leo (403) 131
- Pallaghy, P.K., D. Alewood, P.F. Alewood and R.S. Norton, Solution structure of robustoxin, the lethal neurotoxin from the funnel-web spider *Atrax robustus* (419) 191
- Pallavicini, A. see G. Valle (415) 163
- Pallet, V. see V. Enderlin (412) 629
- Pallotti, F. see M.L. Genova (410) 467
- Palma, C. see A. Ciucci (416) 335
- Palme, K. see V. Žárský (403) 303
- Palmer, M.S. see C.J. Smith (405) 378
- Palmer, R.A. see I.I. Agapov (402) 91
- Palmerini, C.A. see G. Arienti (410) 343
- Palmgren, M.G. see S. Malmström (400) 324
- Palmieri, F. see L. Palmieri (410) 447
- Palmieri, F. see L. Palmieri (417) 114
- Palmieri, L., F.M. Lasorsa, A. De Palma, F. Palmieri, M.J. Runswick and J.E. Walker, Identification of the yeast ACR1 gene product as a succinate-fumarate transporter essential for growth on ethanol or acetate (417) 114
- Palmieri, L., V. De Marco, V. Iacobazzi, F. Palmieri, M.J. Runswick and J.E. Walker, Identification of the yeast ARG-11 gene as a mitochondrial ornithine carrier involved in arginine biosynthesis (410) 447
- Palo, J. see T. Paunio (406) 49
- Palomäki, A., K. Malmiemi and T. Metsä-Ketelä, Enhanced oxidizability of ubiquinol and  $\alpha$ -tocopherol during lovastatin treatment (410) 254
- Palomäki, T. and H.T. Saarilahti, Isolation and characterization of new C-terminal substitution mutations affecting secretion of polygalacturonase in *Erwinia carotovora* ssp. *carotovora* (400) 122
- Palou, A. see M. Bonet (406) 196
- Paludan, S.R., J. Lovmand, S. Ellermann-Eriksen and S.C. Mogensen, Effect of IL-4 and IL-13 on IFN- $\gamma$ -induced production of nitric oxide in mouse macrophages infected with herpes simplex virus type 2 (414) 61
- Palvimo, J.J. see A. Moilanen (412) 355

- Palyha, O.C. see A.D. Howard (405) 285
- Pamblanco, M. see A.B. Ruiz-Garcia (403) 186
- Pamnani, V., T. Tamura, A. Lupas, J. Peters, Z. Cejka, W. Ashraf and W. Baumeister, Cloning, sequencing and expression of VAT, a CDC48/p97 ATPase homologue from the archaeon *Thermoplasma acidophilum* (404) 263
- Pan'kova, N.V. see N.S. Kholod (411) 123
- Pan, P. and H. Bayley, Caged cysteine and thiophosphoryl peptides (405) 81
- Pan, X.M. see X.R. Sheng (413) 429
- Pan, X.M., X.R. Sheng, S.M. Yang and J.M. Zhou, Probing subtle acid-induced conformational changes of ribonuclease A by electrospray mass spectrometry (402) 25
- Pande, A.H. see K. Hajela (406) 255
- Pandey, A.V. and B.L. Tekwani, Depolymerization of malarial hemozoin: a novel reaction initiated by blood schizontocidal antimalarials (402) 236
- Pandolfo, D. see G. Valle (415) 163
- Pannecouque, C. see J. Balzarini (410) 324
- Pannekoek, H. see C. Hop (405) 167
- Paoletti, A.M. see M. van der Stelt (415) 313
- Paoloni-Giacobino, A. see O. Boss (408) 39
- Papa, S. see N. Capitanio (414) 414
- Papa, S. see T.V. Vygodina (412) 405
- Papahadjopoulos, D. see K. Hong (400) 233
- Papandreou, M.-J. and E. Fenouillet, Effect of various glycosidase treatments on the resistance of the HIV-1 envelope to degradation (406) 191
- Papapetrou, C., Y.H. Edwards and J.C. Sowden, The T transcription factor functions as a dimer and exhibits a common human polymorphism Gly-177-Asp in the conserved DNA-binding domain (409) 201
- Paquereau, L. see E. Devic (417) 184
- Paquet, M. see K.-T. Lê (418) 195
- Paradies, G., F.M. Ruggiero, G. Petrosillo and E. Quagliariello, Age-dependent decline in the cytochrome *c* oxidase activity in rat heart mitochondria: role of cardiolipin (406) 136
- Parak, F. see J. Kurreck (403) 283
- Parak, F. see B. Meier (414) 122
- Parak, F. see B.K. Semin (400) 259
- Parant, M. see J.-M. Lacorte (415) 217
- Parbel, A. see H. Foerstendorf (402) 173
- Pardhasaradhi, B.V.V., A. Khar and U.K. Srinivas, Effect of anti-apoptotic genes and peptide inhibitors on cytoplasmic acidification during apoptosis (411) 67
- Parent, J.-L. see C. Le Gouill (402) 203
- Parenti, M. see A. Wise (407) 257
- Parès, X. see A. Allali-Hassani (405) 26
- Parès, X. see A. Allali-Hassani (411) 395
- Park, C.B., J.H. Lee, J.Y. Park, M.S. Kim and S.C. Kim, A novel antimicrobial peptide from the loach, *Misgurnus anguillicaudatus* (411) 173
- Park, E.J. see J.H. Shin (415) 299
- Park, H. see Y. Hidaka (400) 238
- Park, J.Y. see C.B. Park (411) 173
- Park, M. see A. Craig (413) 215
- Park, S.M. see H.M. Kim (412) 201
- Park, S.-S., K. Abe, M. Kimura, A. Urisu and N. Yamasaki, Primary structure and allergenic activity of trypsin inhibitors from the seeds of buckwheat (*Fagopyrum esculentum* Moench) (400) 103
- Park, S.-Y., H. Shimizu, S. Adachi, Y. Shiro, T. Iizuka, A. Nakagawa, I. Tanaka, H. Shoun and H. Hori, Crystallization, preliminary diffraction and electron paramagnetic resonance studies of a single crystal of cytochrome *P450nor* (412) 346
- Park, Y.-M. see M. Mukaide (407) 51
- Parkar, A.A. and A.J. Day, Overlapping sites on the Link module of human TSG-6 mediate binding to hyaluronan and chondroitin-4-sulphate (410) 413
- Parker, E.M. see S. Wang (411) 225
- Parker, J. see L.C. Packman (400) 45
- Parker, M.W. see A.J. Oakley (419) 32
- Parle-McDermott, A. see H. Wolfger (418) 269
- Parma, J. see L. Duprez (409) 469
- Parmentier, Y., D. Bouchez, J. Fleck and P. Genschik, The 20S proteasome gene family in *Arabidopsis thaliana* (416) 281
- Parmryd, I., C.A. Shipton, E. Swiezewska, G. Dallner and B. Andersson, Chloroplastic prenylated proteins (414) 527
- Parnet, P. see T.P. Bonnert (402) 81
- Parnot, C. see P. Korth (417) 365
- Parodo, J. see R..G. Watson (412) 603
- Paromov, V.M. see T.S. Golubeva (405) 312
- Parra, J., D. Brdiczka, R. Cusso and D. Pette, Enhanced catalytic activity of hexokinase by work-induced mitochondrial binding in fast-twitch muscle of rat (403) 279
- Parsot, C. see C. De Geyter (400) 149
- Parthasarathy, S. see N. Santanam (414) 549
- Parthier, B. see R. Kramell (414) 197
- Passalacqua, M., A. Zicca, B. Sparatore, M. Patrone, E. Melloni and S. Pontremoli, Secretion and binding of HMG1 protein to the external surface of the membrane are required for murine erythroleukemia cell differentiation (400) 275
- Passananti, C. see N. Corbi (417) 71
- Passi, A. see R. Albertini (403) 154
- Passi, A., R. Albertini, F. Campagnari and G. De Luca, Modifications of proteoglycans secreted into the growth medium by young and senescent human skin fibroblasts (402) 286
- Passi, A., R. Albertini, F. Campagnari and G. De Luca, Modifications of proteoglycans extracted from monolayer cultures of young and senescent human skin fibroblasts (420) 175
- Pastacaldi, S. see F. Marra (414) 221
- Pasternack, A. see J. Leinonen (417) 150
- Pasternak, G.W. see G.P. Brown (412) 35
- Paßlack, W. see H. Al-Hasani (400) 65
- Patamia, M. see M. Pomponi (409) 155
- Patel, G. see D.M. Brennand (413) 70
- Patel, G. see D.M. Brennand (419) 166
- Patel, R.N. see A.R. Amin (410) 259
- Paton, B.C. see K. Harzer (417) 270
- Patrio, L.C. see J.G. Blanco (409) 396
- Patrone, G., A. Puliti, R. Bocciardi, R. Ravazzolo and G. Romeo, Sequence and characterisation of the *RET* proto-oncogene 5' flanking region: analysis of retinoic acid responsiveness at the transcriptional level (419) 76
- Patrone, M. see M. Passalacqua (400) 275
- Paul, S. see M. Sun (407) 289
- Paulsen, R. see A. Huber (406) 6
- Paulsson, M. see R. Wagener (413) 129
- Paunio, T., H. Kangas, S. Kiuru, J. Palo, L. Peltonen and A.-C. Syvänen, Tissue distribution and levels of gelsolin mRNA in normal individuals and patients with gelsolin-related amyloidosis (406) 49
- Pauschinger, M. see A. Doerner (414) 258
- Pause, B., P. Diestelkötter, H. Heid and W.W. Just, Cytosolic factors mediate protein insertion into the peroxisomal membrane (414) 95
- Pavlov, N.A. see Y.P. Rubtsov (413) 135
- Pavone, F. see M. Pomponi (409) 155
- Payrastré, B. see N. Montsarrat (404) 23
- Pears, C. see C. Keenan (415) 101
- Pector, V. see A. El Ouahabi (414) 187
- Pedale, S. see R. Ientile (417) 345
- Pedersen, B.O. see J. Barciszewski (414) 457
- Pedersen, O. see K. Norris (415) 243
- Pedersen, P.A., J.H. Rasmussen, J.M. Nielsen and P.L. Jorgensen, Identification of Asp<sup>801</sup> and Asp<sup>808</sup> as Na<sup>+</sup> and K<sup>+</sup> coordinating residues in  $\alpha$ -subunit of renal Na,K-ATPase (400) 206
- Pedersen, P.L. see Y.H. Ko (405) 200
- Pedrazzi, G., F. Schwesinger, A. Honegger, C. Krebber and A. Plückthun, Affinity and folding properties both influence the selection of antibodies with the selectively infective phage (SIP) methodology (415) 289
- Pedrotti, B. and K. Islam, Estramustine phosphate but not estramustine inhibits the interaction of microtubule associated protein 2 (MAP2) with actin filaments (403) 123
- Peeper, D.S. and R. Bernards, Communication between the extracellular environment, cytoplasmic signalling cascades and the nuclear cell-cycle machinery (410) 11
- Pehu, E. see A.B. Shevelev (404) 148
- Pei, G. see L. Ma (403) 91
- Pei, G., K. Ling, L. Pu, M.D. Cunningham and L. Ma, Nociceptin/orphanin FQ stimulates extracellular acidification and desensitization of the response involves protein kinase C (412) 253
- Pekiner, B. see T. Murata (406) 109
- Pekiner, C. see T. Murata (406) 109
- Pelassy, C. see R. Marhaba (405) 163
- Pellicic, V. see B. Quinting (406) 275

- Pellegrin, P., C. Menard, J. Mery, P. Lory, P. Charnet and R. Benne. Cell cycle dependent toxicity of an amphiphilic synthetic peptide (418) 101
- Pellizzari, L., G. Tell, D. Fabbro, C. Pucillo and G. Damante. Functional interference between contacting amino acids of homeodomains (407) 320
- Pellizzari, R. see P. Washbourne (418) 1
- Pellizzari, R., S. Mason, C.C. Shone and C. Montecucco. The interaction of synaptic vesicle-associated membrane protein/synaptobrevin with botulinum neurotoxins D and F (409) 339
- Peltier, G. see L. Cournac (416) 65
- Peltonen, L. see T. Paunio (406) 49
- Pennel, L. see G. Ferry (402) 111
- Pennings, J.L.A., J.L.J. de Wijs, J.T. Keltjens and C. van der Drift. Medium-reductant directed expression of methyl coenzyme M reductase isoenzymes in *Methanobacterium thermoautotrophicum* (strain  $\Delta H$ ) (410) 235
- Penttilä, L. see J. Helin (412) 637
- Penttilä, L. see H. Salminen (419) 220
- Peracino, B. see E. Bracco (419) 37
- Peralba, J.M. see A. Allali-Hassani (405) 26
- Peralba, J.M. see A. Allali-Hassani (411) 395
- Perbandt, M., J.C. Wilson, S. Eschenburg, I. Mancheva, B. Aleksiev, N. Genov, P. Willingmann, W. Weber, T.P. Singh and Ch. Betzel. Crystal structure of vipoxin at 2.0 Å: an example of regulation of a toxic function generated by molecular evolution (412) 573
- Perelygina, L.M. see E.M. Baricheva (414) 285
- Pereverzev, A. see G. Mehrke (408) 261
- Perez Martinez, S. see M.B. Herrero (411) 39
- Perez, M. see N. Corbi (417) 71
- Pérez-Riba, M., S. González-Crespo and A. Boronat. Differential splicing of the growth hormone-releasing hormone gene in rat placenta generates a novel pre-proGHRH mRNA that encodes a different C-terminal flanking peptide (402) 273
- Perham, R.N. see M.D. Allen (413) 339
- Peri, K.G., D.R. Varma and S. Chemtob. Stimulation of prostaglandin G/H synthase-2 expression by arachidonic acid monooxygenase product, 14,15-epoxyicosatrienoic acid (416) 269
- Permyakov, E.A. see D.B. Veprintsev (412) 625
- Permyakov, E.A., D.B. Veprintsev, G.Y. Deikus, S.E. Permyakov, L.P. Kalinichenko, V.M. Grishchenko and C.L. Brooks. pH-induced transition and  $Zn^{2+}$ -binding properties of bovine prolactin (405) 273
- Permyakov, S.E. see E.A. Permyakov (405) 273
- Permyakov, S.E. see D.B. Veprintsev (412) 625
- Perno, C.-F. see J. Balzarini (410) 324
- Pernollet, J.-C. see E. Danty (414) 595
- Perris, R. see P.E. Di Cesare (412) 249
- Perris, R. see R. Doliana (417) 65
- Perron, H. see A. Ménard (413) 477
- Perrot-Rechenmann, C. see C. Roux (419) 131
- Perry, D. see T. Wieder (411) 260
- Perry, S.J., E. Yi-Kung Huang, D. Cronk, J. Bagust, R. Sharma, R.J. Walker, S. Wilson and J.F. Burke. A human gene encoding morphine modulating peptides related to NPFF and FMRFamide (409) 426
- Person, B. see B. Westerlund (403) 51
- Persson, E. Characterization of the interaction between the light chain of factor VIIa and tissue factor (413) 359
- Persson, M., U. Carlsson and N. Bergenhem. GroEL provides a folding pathway with lower apparent activation energy compared to spontaneous refolding of human carbonic anhydrase II (411) 43
- Perton, F.G., J.J. Beintema and H. Decker. Influence of antibody binding on oxygen binding behavior of *Panulirus interruptus* hemocyanin (408) 124
- Perugini, M.A. see C.E. MacPhee (416) 265
- Pesaresi, P., D. Sandonà, E. Giuffrè and R. Bassi. A single point mutation (E166Q) prevents dicyclohexylcarbodiimide binding to the photosystem II subunit CP29 (402) 151
- Pessara, U. see B. Gerstmayer (407) 63
- Pessione, E. see F. Briganti (416) 61
- Peters, J. see V. Pamnani (404) 263
- Petersen, C.E. see M.K. Helms (408) 67
- Petersen, H. see L. Jorntot (416) 381
- Petersen, N.O. see P.W. Wiseman (401) 43
- Petersson, S. see H.B. Schiöth (410) 223
- Petit, T. see M.J. Lafuente (420) 39
- Petitprez, M. see N. Vallée (411) 115
- Petkov, D.D. see T. Noronkoski (412) 149
- Pétré, D. see D. Bonnet (409) 216
- Petronilli, V. see O. Eriksson (409) 361
- Petrosillo, G. see G. Paradies (406) 136
- Petrou, S., M. Ugur, R.M. Drummond, J.J. Singer and J.V. Walsh Jr., P2X7 purinoceptor expression in *Xenopus* oocytes is not sufficient to produce a pore-forming P2Z-like phenotype (411) 339
- Petrushenko, Z.M., B.S. Negrutskii, A.S. Ladokhin, T.V. Budkevich, V.F. Shalak and A.V. El'skaya. Evidence for the formation of an unusual ternary complex of rabbit liver EF-1 $\alpha$  with GDP and deacylated tRNA (407) 13
- Pette, D. see S. Galler (410) 150
- Pette, D. see J. Parra (403) 279
- Peumans, W.J. see M.G. Battelli (408) 355
- Peyrol, N. see J.-P. Grillasca (401) 38
- Peyron, J.F. see R. Marhaba (405) 163
- Pfaff, P. see I. Körner (406) 31
- Pflügelmeier, H. see K. Schuhmann (408) 75
- Philipp, S. and V. Flockerzi. Molecular characterization of a novel human PDZ domain protein with homology to INAD from *Drosophila melanogaster* (413) 243
- Philippe, J. see S. Germain (407) 177
- Philippov, P.P. see I.I. Senin (408) 251
- Philippova, M.M. see E.Yu. Blisichenko (414) 125
- Phillips, M.C. see D. Boffelli (411) 7
- Phylip, L.H. see J. Hill (409) 357
- Piade, A. see Y. Zipser (406) 126
- Piccioli, M. see I. Bertini (415) 45
- Piccioli, M. see J.P. Renault (401) 15
- Picciurro, V. see R. Ientile (417) 345
- Picó, C. see M. Bonet (406) 196
- Piel, J., R. Atzorn, R. Gäbler, F. Kühnemann and W. Boland. Cellulysin from the plant parasitic fungus *Trichoderma viride* elicits volatile biosynthesis in higher plants via the octadecanoid signalling cascade (416) 143
- Pierres, A., A.M. Benoliel, P. Bongrand and P. van der Merwe. The dependence of the association rate of surface-attached adhesion molecules CD2 and CD48 on separation distance (403) 239
- Pikula, S. see P. Makowski (409) 292
- Piluso, G. see M. Yoshida (403) 143
- Pina, P. see W. Bouhedja (412) 39
- Pinedo, H.M. see J.H. Hooijberg (413) 344
- Piñeiro, A. see S. Gamen (417) 360
- Pinet, F. see S. Germain (407) 177
- Pinet, F. see P. Korth (417) 365
- Ping, Y.-H. see Z.-S. Huang (413) 299
- Pinkner, J.S. see B. Walse (412) 115
- Pinna, C. see G.P. Rossini (410) 347
- Pinna, L.A. see S. Stocchetto (414) 171
- Pinzani, M. see F. Marra (414) 221
- Piomelli, D. see M. Beltramo (403) 263
- Piper, P.W. see R. Braley (418) 123
- Pirard, M., J.-F. Collet, G. Matthijs and E. Van Schaftingen. Comparison of PMM1 with the phosphomannomutases expressed in rat liver and in human cells (411) 251
- Plaetinck, G. see S.A.B.W. Verploegen (405) 237
- Planells, R. see J.-P. Grillasca (401) 38
- Plantavid, M. see N. Montsarrat (404) 23
- Plantinga, T. see S. Uebel (416) 359
- Platanias, L.C. see S. Uddin (403) 31
- Plattner, H. see R. Kissmehl (402) 227
- Plattner, H. see R. Kissmehl (406) 220
- Pleij, C.W.A. see R.A. Poot (401) 175
- Plesniak, L.A. see M.R. Hileman (415) 145
- Plessmann, U. see K. Weber (419) 87
- Plieth, C. see C.S. Bauer (405) 390
- Plinkert, P.K. see U. Brändle (404) 294
- Ploegh, H.L. see A. Rehm (402) 277
- Ploegh, H.L. see A. Rehm (416) 39
- Ploung, M. see G. Høyer-Hansen (420) 79
- Plückthun, A. see C. Freund (407) 42
- Plückthun, A. see P. Gervasoni (401) 138
- Plückthun, A. see M. Jäger (418) 106
- Plückthun, A. see G. Pedrazzi (415) 289
- Poccia, F. see M.T. Carri (414) 365
- Poch, B. see S. Gansauge (404) 6
- Poch, B. see S. Gansauge (410) 160
- Pochetti, G. see M. Cirilli (418) 319

- Podda, M. see J.J. Thiele (401) 167
- Podder, S.K. see A. Suroliia (409) 417
- Podhaisky, H.-P., A. Abate, T. Polte, S. Oberle and H. Schröder, Aspirin protects endothelial cells from oxidative stress – possible synergism with vitamin E (417) 349
- Poggese, C., P. Polverino de Laureto, G.M. Giacometti, F. Rigoni and R. Barbato, Cytochrome *b<sub>6</sub>/f* complex from the cyanobacterium *Synechocystis* 6803: evidence of dimeric organization and identification of chlorophyll-binding subunit (414) 585
- Pogson, C.I. see T.D. Spurway (404) 111
- Pohl, E. see I.I. Agapov (402) 91
- Pohl, P. see I.I. Agapov (402) 91
- Pohlmeier, M. see A.A. Stachora (409) 74
- Pohlmeyer, K. see R. Grimm (408) 350
- Poirier, H., O. Braissant, I. Niot, W. Wahli and P. Besnard, 9-*cis*-Retinoic acid enhances fatty acid-induced expression of the liver fatty acid-binding protein gene (412) 480
- Polak, J.M. see M.B. Herrero (411) 39
- Polák, P. see P. Šmígaň (420) 93
- Polanco, I. see A.F. Quincoces (416) 317
- Poland, D. see E. de Leeuw (416) 225
- Polanovsky, O.L. see A.G. Stepchenko (412) 5
- Polazzi, E. see C. Guastadisegni (413) 314
- Polci, A. see G. Arienti (410) 343
- Polčič, P., L. Šabová and J. Kolarov, Fatty acids induced uncoupling of *Saccharomyces cerevisiae* mitochondria requires an intact ADP/ATP carrier (412) 207
- Politi, V. see M. Cirilli (418) 319
- Polito, L. see M.G. Battelli (408) 355
- Pollner, R., C. Schmidt, G. Fischer, K. Kühn and E. Pöschl, Cooperative and competitive interactions of regulatory elements are involved in the control of divergent transcription of human Col4A1 and Col4A2 genes (405) 31
- Poltaraus, A.B. see L.A. Zinovkina (414) 135
- Polte, T. see H.-P. Podhaisky (417) 349
- Polte, T., S. Oberle and H. Schröder, Nitric oxide protects endothelial cells from tumor necrosis factor- $\alpha$ -mediated cytotoxicity: possible involvement of cyclic GMP (409) 46
- Polverino de Laureto, P. see C. Poggese (414) 585
- Polyakov, K.M. see G.P. Moiseyev (404) 169
- Pomponi, M., M. Marta, A. Colella, S. Sacchi, M. Patamia, F. Gatta, F. Capone, A. Oliverio and F. Pavone, Studies on a new series of THA analogues: Effects of the aromatic residues that line the gorge of AChE (409) 155
- Ponchet, M. see V. Mikes (416) 190
- Pongor, S. see A. Gabrielian (406) 69
- Ponomarenko, N.A., V.M. Bannikov, V.A. Anashchenko and N.A. Tchurikov, *Burdock*, a novel retrotransposon in *Drosophila melanogaster*, integrates into the coding region of the *cut* locus (413) 7
- Ponstingl, H. see A.A. Stachora (409) 74
- Ponting, C.P. see L. Mølgaard (405) 363
- Pontisso, P. see E. Buratti (411) 275
- Pontremoli, S. see M. Passalacqua (400) 275
- Pontremoli, S. see F. Salamino (412) 433
- Poola, I., An estrogen inducible 104 kDa chaperone glycoprotein binds ferric iron containing proteins: a possible role in intracellular iron trafficking (416) 139
- Poole, A. see K.E. Wells (407) 164
- Poole, P.S. see D.L. Walshaw (414) 397
- Poole, R.K. see B. Søballe (414) 373
- Poot, R.A., R.E. Jeeninga, C.W.A. Pleij and J. van Duin, Acetylation of ribosomal protein S5 affected by defects in the central pseudoknot in 16S ribosomal RNA? (401) 175
- Popov, K.M., Regulation of mammalian pyruvate dehydrogenase kinase (419) 197
- Popov, V.N., R.A. Simonian, V.P. Skulachev and A.A. Starkov, Inhibition of the alternative oxidase stimulates H<sub>2</sub>O<sub>2</sub> production in plant mitochondria (415) 87
- Porcelli, M., G. Cacciapuoti, S. Fusco, R. Massa, G. d'Ambrosio, C. Bertoldo, M. De Rosa and V. Zappia, Non-thermal effects of microwaves on proteins: thermophilic enzymes as model system (402) 102
- Porrás, A., A.M. Álvarez, A. Valladares and M. Benito, TNF- $\alpha$  induces apoptosis in rat fetal brown adipocytes in primary culture (416) 324
- Porse, B.T. see S. Kirillov (406) 223
- Portais, J.-C., P. Tavernier, I. Besson, J. Courtois, B. Courtois and J.-N. Barbotin, Mechanism of gluconate synthesis in *Rhizobium meliloti* by using in vivo NMR (412) 485
- Portillo, F., Characterization of dominant lethal mutations in the yeast plasma membrane H<sup>+</sup>-ATPase gene (402) 136
- Portillo, F. see N. de la Fuente (411) 308
- Portillo, F. see N. de la Fuente (420) 17
- Portugal, J. see A. Vaquero (420) 156
- Porumb, T. see J.-R. Alattia (417) 405
- Pöschl, E. see R. Pollner (405) 31
- Possani, L.D. see F. Gómez-Lagunas (400) 197
- Possani, L.D. see F.Z. Zamudio (405) 385
- Possel, H., H. Noack, W. Augustin, G. Keilhoff and G. Wolf, 2,7-Dihydrodichlorofluorescein diacetate as a fluorescent marker for peroxynitrite formation (416) 175
- Potier, M. see S. Deschamps (412) 495
- Poulain, D. see P.A. Trinel (416) 203
- Poulsen, A.B. see S.A. de A. Steffensen (419) 281
- Poupon, M.-F. see D. Flagiello (415) 263
- Pouzet, B. see C. Serradeil-Le Gal (404) 185
- Poverenny, A.M. see I.A. Zamulaeva (413) 231
- Powell, J.F.F. see A. Craig (413) 215
- Power, D.A. see D. Stapleton (409) 452
- Poyet, J.-L. and A. Hoeveler, cDNA cloning and expression of pokeweed antiviral protein from seeds in *Escherichia coli* and its inhibition of protein synthesis in vitro (406) 97
- Poyet, J.-L. see B. Desvoves (410) 303
- Pozdnyakova, N. see A. Leontievsky (413) 446
- Prade, L. see M.C. Wahl (414) 492
- Pradel, L.-A. see I. Sagot (410) 229
- Prakash, M.O. see A. Craig (413) 215
- Pratje, E. see K. Hell (418) 367
- Pratt, J.R. see P. Dudley (417) 321
- Préfontaine, G. see J.-L. Schwartz (410) 397
- Prehn, S. see M. Köhler (417) 104
- Preiser, P. see B. Clough (406) 123
- Preisser, L. see N. Ancellin (413) 323
- Preissner, K.T. see G. Høyer-Hansen (420) 79
- Preissner, K.T. see O.D. Liang (407) 169
- Preissner, K.T. see L. Ständker (420) 129
- Preißner, R., A. Goede, E. Michalski and C. Frömmel, Inverse sequence similarity in proteins and its relation to the three-dimensional fold (414) 425
- Prescott, M., A. Lourbakos, M. Bateson, G. Boyle, P. Nagley and R.J. Devenish, A novel fluorescent marker for assembled mitochondria ATP synthase of yeast (411) 97
- Price, D. see J. Liao (417) 316
- Pridmore, D. see D. Schmid (414) 590
- Priestman, D.A., E. Donald, M.J. Holness and M.C. Sugden, Different mechanisms underlie the long-term regulation of pyruvate dehydrogenase kinase (PDHK) by tri-iodothyronine in heart and liver (419) 55
- Prieto, J.C. see A.-M. Valencia (406) 42
- Prieto, M.A. and J.L. García, Identification of the 4-hydroxyphenylacetate transport gene of *Escherichia coli* W: construction of a highly sensitive cellular biosensor (414) 293
- Prieto, M.A. see A. Ferrández (406) 23
- Prinetti, A., R. Bassi, L. Riboni and G. Tettamanti, Involvement of a ceramide activated protein phosphatase in the differentiation of neuroblastoma Neuro2a cells (414) 475
- Prins, R.A. see M. van der Giezen (408) 147
- Pritchard Jr, K.A. see J. Vázquez-Vivar (403) 127
- Proffitt, J.A. and G. Blair, The MHC-encoded TAP1/LMP2 bidirectional promoter is down-regulated in highly oncogenic adenovirus type 12 transformed cells (400) 141
- Prorok, M. see S.E. Warder (411) 19
- Proteau, S. see G. Guihard (414) 89
- Protopopov, A.I. see V.I. Kashuba (419) 181
- Proud, C.G. see G.I. Welsh (410) 418
- Prowald, A., N. Schuster and M. Montenarh, Regulation of the DNA binding of p53 by its interaction with protein kinase CK2 (408) 99
- Prudovsky, I. see A. Vartanian (415) 160
- Prüfer, D. see M. Sokolova (400) 201
- Prydz, H. see G. Skretting (404) 105
- Ptak, M. see P. Sodano (416) 130
- Pu, L. see G. Pei (412) 253
- Pucillo, C. see L. Pellizzari (407) 320
- Pugnali, A. see M.L. Genova (410) 467

- Puigjaner, J., B. Raïs, M. Burgos, B. Comin, J. Ovádi and M. Cascante, Comparison of control analysis data using different approaches: modelling and experiments with muscle extract (418) 47
- Puigserver, P. see M. Bonet (406) 196
- Pujade-Lauraine, E. see S.S. Mirshahi (411) 322
- Puliti, A. see G. Patrone (419) 76
- Pullen, N. and G. Thomas, The modular phosphorylation and activation of p70<sup>rib</sup> (410) 78
- Pun, S. see J.F. Yang (403) 163
- Pun, S., J.F. Yang, Y.P. Ng and K.W.K. Tsim, NG108-15 cells express neuregulin that induces AChR  $\alpha$ -subunit synthesis in cultured myotubes (418) 275
- Pungerčič, G. see T. Bevec (401) 259
- Purslow, P.P. see T.J. Wess (413) 424
- Püschel, G.P. see F. Neuschäfer-Rube (401) 185
- Püschel, G.P. see F. Neuschäfer-Rube (415) 119
- Putalun, W. see H. Tanaka (404) 279
- Putti, S. see M. Maccarrone (410) 470
- Puustinen, A. see S. Riistama (414) 275
- Pyshnyi, D.V. see S.G. Lokhov (420) 134

## Q

- Qu, C. see S. Akanuma (410) 141
- QuagliarIELLO, E. see G. Paradies (406) 136
- Quesada, M.A. see M.I. Medina (407) 357
- Quest, A.F.G. see M. Hunn (400) 226
- Quincoces, A.F., I. Polanco, T. Thomson and J. León, Positive autoregulation of *ras* genes expression in fibroblasts (416) 317
- Quintas, A., M.J.M. Saraiva and R.M.M. Brito, The amyloidogenic potential of transthyretin variants correlates with their tendency to aggregate in solution (418) 297
- Quintero, F.J. and M.R. Blatt, A new family of K<sup>+</sup> transporters from *Arabidopsis* that are conserved across phyla (415) 206
- Quinting, B., J.-M. Reyat, D. Monnaie, G. Amicosante, V. Pelicic, B. Gicquel, J.-M. Frère and M. Galleni, Contribution of  $\beta$ -lactamase production to the resistance of mycobacteria to  $\beta$ -lactam antibiotics (406) 275
- Quirk, J. see P.L. Hermonat (407) 78

## R

- Raab, U. see A. Luque (413) 265
- Raaijmakers, J.A.M. see T.B. van Dijk (412) 161
- Rabizadeh, S. see M.R. Hileman (415) 145
- Racaud-Sultan, C. see N. Montsarrat (404) 23
- Rackwitz, H.-R. see T.-P. Thai (420) 205
- Radha, V., S. Nambirajan and G. Swarup, Overexpression of a nuclear protein tyrosine phosphatase increases cell proliferation (409) 33
- Radionov, A.N. and A.D. Kaulen, Inhibition of the M1  $\rightarrow$  M2 (M<sub>closed</sub>  $\rightarrow$  M<sub>open</sub>) transition in the D96N mutant photocycle and its relation to the corresponding transition in wild-type bacteriorhodopsin (409) 137
- Radrizzani, M., P. Accornero, D. Delia, R. Kurre and M.P. Colombo, Apoptosis induced by HIV-gp120 in a Th1 clone involves the generation of reactive oxygen intermediates downstream CD95 triggering (411) 87
- Rafecas, I. see X. Remesar (402) 9
- Raffaelli, N. see A. Amici (419) 263
- Rafiq, M., C.K.M. Suen, N. Choudhury, C.L. Joannou, K.N. White and R.W. Evans, Expression of recombinant human ceruloplasmin – an absolute requirement for splicing signals in the expression cassette (407) 132
- Rager-Zisman, B. see D. Fishman (410) 191
- Rahfeld, J.-U. see T. Tradler (407) 184
- Rahfs, S. and V. Müller, Sequence of subunit *c* of the Na<sup>+</sup>-translocating F<sub>1</sub>F<sub>0</sub> ATPase of *Acetobacterium woodii*: proposal for determinants of Na<sup>+</sup> specificity as revealed by sequence comparisons (404) 269
- Rahman, I., C.A.D. Smith, M.F. Lawson, D.J. Harrison and W. MacNee, Erratum to: Induction of  $\gamma$ -glutamylcysteine synthetase by cigarette smoke is associated with AP-1 in human alveolar epithelial cells (FEBS 17633) [*FEBS Letters* 396 (1996) 21–25] (411) 393
- Rai, S.S. and J. Wolff, Dissociation of tubulin assembly-inhibiting and aggregation-promoting activities by a vinblastine derivative (416) 251
- Raia, V. see L. Maiuri (408) 225
- Raida, M. see J.J. Calvete (407) 201
- Raida, M. see J.J. Calvete (416) 197
- Raida, M. see L. Magdaleno (420) 179
- Rais, B. see J. Puigjaner (418) 47
- Rajagopal, L., C. Sundari, D. Balasubramanian and R.V. Sonti, The bacterial pigment xanthomonadin offers protection against photodamage (415) 125
- Rajendrakumar, C.S.V., T. Suryanarayana and A.R. Reddy, DNA helix destabilization by proline and betaine: possible role in the salinity tolerance process (410) 201
- Rajewsky, M.F. see M. Federwisch (407) 333
- Rak, A.V. see N.L. Davydova (415) 155
- Rakwal, R. see S. Tamogami (401) 239
- Rakwal, R. see S. Tamogami (412) 61
- Ralph, E.T. see P.A. Jordan (416) 349
- Ramaekers, F.C.S. see G. Schaart (403) 168
- Ramaekers, F.C.S. see X.H.T. Wehrens (405) 315
- Ramakrishna, T. see B. Raman (416) 369
- Ramakrishna, T. see V.D. Trivedi (418) 363
- Ramamurthy, T., K. Yoshino, J. Abe, N. Ikeda and T. Takeda, Purification, characterization and cloning of a novel variant of the superantigen *Yersinia pseudotuberculosis*-derived mitogen (413) 174
- Raman, B. see V.D. Trivedi (418) 363
- Raman, B., T. Ramakrishna and Ch.M. Rao, Effect of the chaperone-like alpha-crystallin on the refolding of lysozyme and ribonuclease A (416) 369
- Ramananda Rao, G. see S. Sengupta (416) 51
- Ramani, K., R.S. Bora, M. Kumar, S.K. Tyagi and D.P. Sarkar, Novel gene delivery to liver cells using engineered virosomes (404) 164
- Ramaswamy, S. see B. Westerlund (403) 51
- Ramírez, G. see M. Ramos (406) 114
- Ramírez, J. see A. Cuéllar (411) 365
- Ramjaun, A.R. see K.D. Micheva (414) 308
- Ramjaun, A.R. see K.D. Micheva (419) 150
- Ramkumar, R. see A. Suroli (409) 417
- Ramming, M., H. Betz and J. Kirsch, Analysis of the promoter region of the murine gephyrin gene (405) 137
- Ramos, M., D.O. Souza and G. Ramirez, Specific binding of [<sup>3</sup>H]GppNHp to extracellular membrane receptors in chick cerebellum: possible involvement of kainic acid receptors (406) 114
- Ramos, P. see R. Albertini (403) 154
- Rampe, D., M.-L. Roy, A. Dennis and A.M. Brown, A mechanism for the proarrhythmic effects of cisapride (Propulsid): high affinity blockade of the human cardiac potassium channel HERG (417) 28
- Ramponi, G. see T. Fiaschi (417) 130
- Randak, C., P. Neth, E.A. Auerswald, C. Eckerskorn, I. Assfalg-Machleidt and W. Machleidt, A recombinant polypeptide model of the second nucleotide-binding fold of the cystic fibrosis transmembrane conductance regulator functions as an active ATPase, GTPase and adenylate kinase (410) 180
- Rang, C., M. Bes, W.J. Moar and R. Frutos, Simultaneous production of the 34-kDa and 40-kDa proteins from *Bacillus thuringiensis* subsp. *thompsoni* is required for the formation of inclusion bodies (412) 587
- Rang, C.U., R. Mikkola, S. Molin and P.L. Conway, Ribosomal efficiency and growth rates of freshly isolated *Escherichia coli* strains originating from the gastrointestinal tract (418) 27
- Rantalaiho, V. see J. Leinonen (417) 150
- Rao, Ch.M. see B. Raman (416) 369
- Rao, Ch.M. see V.D. Trivedi (418) 363
- Rao, M.R.S. see J.R. Khadake (400) 193

- Rapp, U.R. see C. Hagemann (403) 200
- Rasheed, S. see A.P. Goldstone (415) 134
- Rasmussen, H. see B.B. Nielsen (412) 388
- Rasmussen, I. see L. Krusell (408) 25
- Rasmussen, J.H. see P.A. Pedersen (400) 206
- Rasmuson, R.L. see S. Wang (417) 43
- Rathnachalam, R. see A.D. Kline (407) 239
- Rathore, D. and J.K. Batra, Cytotoxic activity of ribonucleolytic toxin restrictocin-based chimeric toxins targeted to epidermal growth factor receptor (407) 275
- Rattan, S.I.S. see J. Barciszewski (414) 457
- Rau, B. see S. Gansauge (410) 160
- Rauch, C.T. see J. Müllberg (401) 235
- Rauch, U. see A. Doerner (414) 258
- Rauchenberger, R. see J. Monnat (418) 357
- Raufaste, D. see C. Serradeil-Le Gal (404) 185
- Raugei, G. see T. Fiaschi (417) 130
- Rausch, T. see H.J. Schäfer (404) 216
- Ravazzolo, R. see P. Ghiorzo (418) 215
- Ravazzolo, R. see G. Patrone (419) 76
- Ray, A. see P. Ray (409) 79
- Ray, K. see F. Volpe (419) 41
- Ray, P., S.K. Ghosh, D.-H. Zhang and A. Ray, Repression of interleukin-6 gene expression by 17 $\beta$ -estradiol: inhibition of the DNA-binding activity of the transcription factors NF-IL6 and NF- $\kappa$ B by the estrogen receptor (409) 79
- Raymond, C. see K. Sato (414) 480
- Raynal, M. see M. Delseny (403) 221
- Raynal, M. see M. Delseny (405) 129
- Rayner, D. see J.G. Mercer (402) 185
- Razin, E. see M. Ligumsky (413) 436
- Read, M.L. see W.M. Macfarlane (413) 304
- Read, M.L., M.R. Masson and K. Docherty, A RIPE3b1-like factor binds to a novel site in the human insulin promoter in a redox-dependent manner (418) 68
- Reason, A.J. see G.J. Hughes (410) 443
- Rebrikov, D.V. see A.B. Shevelev (404) 148
- Rebuffat, A.G. see A.G.F. Bernasconi (419) 103
- Rechsteiner, M. see L. Hoffman (404) 179
- Reckmann, I., S. Higley and M. Way, The vaccinia virus F17R protein interacts with actin (409) 141
- Redding, K. see L. Cournac (416) 65
- Reddy, A.R. see C.S.V. Rajendrakumar (410) 201
- Reedquist, K. see J.L. Bos (410) 59
- Reeh, I. see E. Görschen (419) 58
- Régérat, F. see C. Manach (409) 12
- Regnouf, F. see I. Sagot (410) 229
- Rehfeld, J.F. see K.A. Lacourse (416) 45
- Rehm, A. and H.L. Ploegh, Monoclonal antibodies that distinguish between free and complexed heterotrimeric G protein  $\beta$  subunits (402) 277
- Rehm, A. and H.L. Ploegh, The  $\beta\gamma$  subunits of heterotrimeric G proteins acquire detergent insolubility directly at the plasma membrane (416) 39
- Reid, D.G. see D.A. Middleton (410) 269
- Reid, K.B.M. see N.J. Lynch (418) 111
- Reimann, T., U. Hempel, S. Krautwald, A. Axmann, R. Scheibe, D. Seidel and K.-W. Wenzel, Transforming growth factor- $\beta$ 1 induces activation of Ras, Raf-1, MEK and MAPK in rat hepatic stellate cells (403) 57
- Reinhold-Hurek, B. and I.B. Zhulin, Terminal oxidases of *Azoarcus* sp. BH72, a strictly respiratory diazotroph (404) 143
- Reiser, G. see R. Stricker (405) 229
- Reiss, C. see A.A. Komar (415) 6
- Reiss-Husson, F. see J.-F. Gaucher (401) 113
- Reiter, R.J. see J.J. Garcia (408) 297
- Remacle, A. see E.N. Baramova (405) 157
- Remesar, X., I. Rafecas, J.A. Fernández-López and M. Alemany, Is leptin an insulin counter-regulatory hormone? (402) 9
- Rémésy, C. see C. Manach (409) 12
- Remondelli, P., O. Moliterno and A. Leone, Regulation of ZIRF1 and basal SP1 transcription factor MRE-binding activity by transition metals (416) 254
- Renault, J.P., C. Verchère-Béaur, I. Morgenstern-Badarau and M. Piccioli, Paramagnetic NMR spectroscopy of native and cobalt substituted manganese superoxide dismutase from *Escherichia coli* (401) 15
- Renganathan, M. see M.L. Messi (411) 32
- Renganathan, M., M.L. Messi, R. Schwartz and O. Delbono, Overexpression of hIGF-1 exclusively in skeletal muscle increases the number of dihydropyridine receptors in adult transgenic mice (417) 13
- Renger, G. see J. Kurreck (403) 283
- Renger, G. see S.G. Zech (414) 454
- Rengo, F. see P. Abete (412) 79
- Renkonen, O. see J. Helin (412) 637
- Renkonen, O. see H. Salminen (419) 220
- Renner, C. see W. Kalus (401) 127
- Renner, S. see H. Dörsam (414) 7
- Rennie, M.J. see S.Y. Low (417) 101
- Renodon, A., J.-L. Boucher, M.-A. Sari, M. Delaforge, J. Ouazzani and D. Mansuy, Bromocriptine is a strong inhibitor of brain nitric oxide synthase: possible consequences for the origin of its therapeutic effects (406) 33
- Reshef, L. see H. Cassuto (412) 597
- Reska-Skinner, S.M. see A. Craig (413) 215
- Retamales, G. see M. Torrejón (404) 91
- Reusch, R.N., R. Huang and D. Kosk-Kosicka, Novel components and enzymatic activities of the human erythrocyte plasma membrane calcium pump (412) 592
- Reutelingsperger, C.P.M. see H. Speijer (402) 193
- Reverter, D., I. García-Sáez, L. Catasús, J. Vendrell, M. Coll and F.X. Avilés, Characterisation and preliminary X-ray diffraction analysis of human pancreatic procarboxypeptidase A2 (420) 7
- Reyes, R. see F. Lesage (402) 28
- Reynier, P. see J.-P. Grillasca (401) 38
- Reynolds, S.E. see P. Löw (400) 345
- Reyrat, J.-M. see B. Quinting (406) 275
- Rezeg, M. see M. Mukaide (407) 51
- Rhazi-Filali, F. see P. Ledent (413) 194
- Rho, H.M. see Y.H. Kim (401) 267
- Riboni, L. see A. Prinetti (414) 475
- Riboni, L. see P. Viani (408) 131
- Ribot, J. see M. Bonet (406) 196
- Ricci, P. see V. Mikes (416) 190
- Rice, L.M., P. Brennwald and A.T. Brünger, Formation of a yeast SNARE complex is accompanied by significant structural changes (415) 49
- Rice-Evans, C. see L.C. Bourne (414) 576
- Rice-Evans, C. see A. Mortensen (418) 91
- Rice-Evans, C.A. see G. Paganga (401) 78
- Rice-Evans, C.A. see A.J. Rodríguez-Malaver (406) 37
- Rich, P.R. see D.J.B. Hunter (412) 43
- Richards, C.D. see V. Thibault (408) 182
- Richards, W.R. see S.B. Hinchigeri (407) 337
- Richardson, J.M. see A.D. Kline (407) 239
- Richart, C. see A. Allali-Hassani (405) 26
- Richart, C. see A. Allali-Hassani (411) 395
- Richter, C. see P. Ghafourifar (418) 291
- Richter, D. see H.-J. Kreienkamp (419) 92
- Richter, H. see A. Simm (410) 481
- Richter, O.-M.H. see A. Hirsch (404) 208
- Ricquier, D. see A. Lanni (418) 171
- Ridder, A.N.J.A. see W. van Klompenburg (413) 109
- Rider, M.H. see J.-F. Collet (408) 281
- Riederer, B.M. see G. Di Paolo (416) 149
- Rieger, F. see A. Ménard (413) 477
- Riek, R. see S. Hornemann (413) 277
- Riek, R., S. Hornemann, G. Wider, R. Glockshuber and K. Wüthrich, NMR characterization of the full-length recombinant murine prion protein, mPrP(23–231) (413) 282
- Rieneck, K. see M. Diamant (412) 379
- Riès-Kautt, M. see J.-F. Gaucher (401) 113
- Rigaud, M. see B. Liagre (414) 159
- Rigoni, F. see C. Poggese (414) 585
- Rigoulet, M. see A. Devin (410) 329
- Rigoulet, M. see L. Garcia (400) 113
- Riis, B. and O. Nygård, Kinetics of calcium and calmodulin-dependent protein kinase III from embryonic chicken leg muscle cells (407) 21
- Riistama, S., G. Hummer, A. Puustinen, R. Dyer, W.H. Woodruff and M. Wikström, Bound water in the proton translocation mechanism of the haem-copper oxidases (414) 275
- Riitano, D. see A. Ciucci (416) 335
- Riman, J. see J. Korb (414) 393
- Rinaldi, A.M. see C. Costa (410) 499

- Ringstad, N. see C. Haffner (419) 175
- Rio, M.-C. see N.A. Wright (408) 121
- Riond, J. see R. Capeyrou (415) 200
- Riordan, J.R. see K. Kunzelmann (400) 341
- Riscoe, M.K. see M.V. Ignatushenko (409) 67
- Ristoratore, F. see L. Cariello (408) 171
- Rius, R.A., L.C. Edsall and S. Spiegel, Activation of sphingosine kinase in pheochromocytoma PC12 neuronal cells in response to trophic factors (417) 173
- Rivier, F., A. Robert, G. Hugon and D. Mornet, Different utrophin and dystrophin properties related to their vascular smooth muscle distributions (408) 94
- Rivier, J.E. see A. Craig (413) 215
- Roach, P.L. see M. Sami (405) 191
- Robbioni, P. see L. Guerrini (412) 277
- Robert, A. see F. Rivier (408) 94
- Roberts, G.C.K. see B. Birdsall (402) 157
- Roberts, L.M. see J. Zhan (407) 271
- Robins, R. see D.A. Middleton (410) 269
- Robinson, P.A. see A.J. Mighell (417) 1
- Robson, C.N. see A.M. Betts (405) 328
- Rochat, H. see S. Cestèle (405) 77
- Rochat, H. see C. Devaux (412) 456
- Rochat, H. see R. Kharrat (406) 284
- Rochat, H. see C. Legros (417) 123
- Rodeau, J.-L. see M. Maammar (414) 99
- Roderick, H.L., A.K. Campbell and D.H. Llewellyn, Nuclear localisation of calreticulin in vivo is enhanced by its interaction with glucocorticoid receptors (405) 181
- Rodina, E. see S. Aavaeva (410) 502
- Rodriguez y Baena, R. see P. Gaetani (404) 303
- Rodriguez, D. see Z. Mělková (403) 273
- Rodriguez, J.M. see F. Boán (418) 251
- Rodriguez, R. see E. Batanero (410) 293
- Rodriguez-Malaver, A.J., D.S. Leake and C.A. Rice-Evans, The effects of pH on the oxidation of low-density lipoprotein by copper and metmyoglobin are different (406) 37
- Rodriguez-Palenzuela, P. see J.M.M. Caaveiro (410) 338
- Roduit, R. and B. Thorens, Inhibition of glucose-induced insulin secretion by long-term preexposure of pancreatic islets to leptin (415) 179
- Roesink, C. see N.J. Stam (413) 489
- Roggero, M.A., C. Servis and G. Corradin, A simple and rapid procedure for the purification of synthetic polypeptides by a combination of affinity chromatography and methionine chemistry (408) 285
- Rogov, V.V. see D.B. Vepintsev (412) 625
- Rogue, P. see M.-M. Krady (412) 420
- Rohde, E. see R.F. Haseloff (418) 73
- Rohde, W. see M. Sokolova (400) 201
- Röhl, T. see R. Grimm (408) 350
- Rohmer, M. see H.K. Lichtenthaler (400) 271
- Rohrbach, P. see H. Dörsam (414) 7
- Roig, A. see G. Bocquené (407) 261
- Roine, E., J. Saarinen, N. Kalkinen and M. Romantschuk, Purified HrpA of *Pseudomonas syringae* pv. *tomato* DC3000 reassembles into pili (417) 168
- Rojas, A. and A. Romeu, Corrigendum to: A sequence analysis of the  $\beta$ -glucosidase sub-family B (FEBS 16483) [*FEBS Letters* 378 (1996) 94–97] (400) 257
- Rojas, H. see R. DiPolo (401) 6
- Rola-Pleszczynski, M. see C. Le Gouill (402) 203
- Romancino, D.P. see C. Costa (410) 499
- Romanelli, R.G. see F. Marra (414) 221
- Romanin, C. see K. Schuhmann (408) 75
- Romantschuk, M. see E. Roine (417) 168
- Rombolà, L. see F. D'Acquisto (418) 175
- Romeo, G. see G. Patrone (419) 76
- Romero, A. see J.J. Calvete (416) 197
- Romeu, A. see A. Rojas (400) 257
- Romier, C., J.E.W. Meyer and D. Suck, Slight sequence variations of a common fold explain the substrate specificities of tRNA-guanine transglycosylases from the three kingdoms (416) 93
- Ronday, H. see B. Beekman (418) 305
- Rong, D., C.-L.S. Lin, D. d'Avignon, A.J. Lovey, M. Rosenberger and E. Li,  $^{19}\text{F}$ -NMR studies of retinol transfer between cellular retinol binding proteins and phospholipid vesicles (402) 116
- Rönstrand, L. see K. Hansen (409) 195
- Roos, D. see P.J. Middelhoven (414) 14
- Roosien, J. see A. Schouten (415) 235
- Roperio, S. see A. Chilocheches (401) 68
- Roques, B.P. see F. Noble (401) 227
- Roques, B.P. see H.Y.L. Tung (401) 197
- Rorsman, F. see G. Gebre-Medhin (412) 439
- Rorsman, H. see E. Rosengren (417) 85
- Rosenberg, H.F. see J.S. Handen (410) 301
- Rosenberger, M. see D. Rong (402) 116
- Rosenblatt, S. see O.D. Liang (407) 169
- Rosengren, A.M. see J. Nord (414) 271
- Rosengren, E., P. Aman, S. Thelin, C. Hansson, S. Ahlfors, P. Björk, L. Jacobsson and H. Rorsman, The macrophage migration inhibitory factor MIF is a phenylpyruvate tautomerase (417) 85
- Roses, A.D. see M. Okochi (418) 162
- Roseto, A. see E. Osinaga (412) 190
- Rossi, D. see S. Vesce (411) 107
- Rossi, G.C. see G.P. Brown (412) 35
- Rossi, M. see A.P. Goldstone (415) 134
- Rossier, C. see O. Boss (408) 39
- Rossini, G.P., C. Pinna and R. Viviani, Inhibitors of phosphoprotein phosphatases 1 and 2A cause activation of a 53 kDa protein kinase accompanying the apoptotic response of breast cancer cells (410) 347
- Rossmann, R., D. Stern, H. Loferer, A. Jacobi, R. Glockshuber and H. Hennecke, Replacement of Pro<sup>109</sup> by His in TlpA, a thioredoxin-like protein from *Bradyrhizobium japonicum*, alters its redox properties but not its in vivo functions (406) 249
- Rosso, M.-N. see A. Schouten (415) 235
- Roth, D. see W. Guo (404) 135
- Rothbarth, K. see T. Glaser (413) 50
- Rothen, R., M. Thiess, P. Schumann and A. Boschetti, Import inhibition of poly(His) containing chloroplast precursor proteins by Ni<sup>2+</sup> ions (403) 15
- Rothermel, E. see H.L. Schieferdecker (406) 305
- Rothschild, K.J. see G.J. Ludlam (407) 285
- Rotilio, G. see M.T. Carri (414) 365
- Rotilio, G. see B. Meier (414) 122
- Rotstein, O.D. see R.G. Watson (412) 603
- Roubini, E. see Y. Yung (408) 292
- Rouillé, Y., M. Bianchi, J.-C. Irminger and P.A. Halban, Role of the prohormone convertase PC2 in the processing of proglucagon to glucagon (413) 119
- Rouleau, N. see A. Moilanen (412) 355
- Rousseau, E. see G. Guihard (414) 89
- Roux, C. and C. Perrot-Rechenmann, Isolation by differential display and characterization of a tobacco auxin-responsive cDNA *Nt-gh3*, related to *GH3* (419) 131
- Roux, F.A. see S.F. von Weikersthal (417) 395
- Rouzaut, A. see S. Herblot (414) 146
- Rouzé, P. see N. Terryn (416) 156
- Röver, S. see D. Alberati-Giani (410) 407
- Rowe, A.J. see P.J. Morgan (412) 563
- Rowland, G. see J.S. Kenny (414) 343
- Roy, B.C. see T. Ishidate (409) 237
- Roy, M.-L. see D. Rampe (417) 28
- Roymans, D. see K. Anciaux (400) 75
- Ruan, F. see Y. Yatomi (417) 341
- Rubinfeld, H. see Y. Yung (408) 292
- Rubinsky, B. see L. Chapsky (412) 241
- Rubtsov, Y.P., A.S. Zolotukhin, I.A. Vorobjev, N.V. Chichkova, N.A. Pavlov, E.M. Karger, A.G. Evstafieva, B.K. Felber and A.B. Vartapetian, Mutational analysis of human prothymosin  $\alpha$  reveals a bipartite nuclear localization signal (413) 135
- Rücknagel, K.P. see T. Tradler (407) 184
- Rudenskaya, G.N. see I.B. Leshchinskaya (404) 241
- Rudi, H., D.N.P. Doan and O.-A. Olsen, A (His)<sub>6</sub>-tagged recombinant barley (*Hordeum vulgare* L.) endosperm ADP-glucose pyrophosphorylase expressed in the baculovirus-insect cell system is insensitive to allosteric regulation by 3-phosphoglycerate and inorganic phosphate (419) 124
- Ruggieri, S. see A. Amici (419) 263
- Ruggiero, F.M. see G. Paradies (406) 136
- Ruiz-Cabello, J. see O. Kaplan (406) 175
- Ruiz-García, A.B., R. Sendra, M. Pamblanco and V. Tordera, Gcn5p is involved in the acetylation of histone H3 in nucleosomes (403) 186
- Ruiz-Gómez, A. see C. Murga (409) 24

- Rümenapp, U. see J. Keller (403) 299  
 Rumsby, M. see P. Littlebury (400) 304  
 Rumsby, M. see A. Morreale (417) 38  
 Runswick, M.J. see L. Palmieri (410) 447  
 Runswick, M.J. see L. Palmieri (417) 114  
 Rupnik, M., G.J. Law, W.T. Mason and R. Zorec, Mastoparan and Rab3AL peptide potentiation of calcium-independent secretory activity in rat melanotrophs is inhibited by GDP $\beta$ S (411) 356  
 Ruppertsberg, J.P. see U. Brändle (404) 294  
 Rusakova, E.E. see V.L. Tunitskaya (400) 263  
 Ruscher, K. see U. Bruer (414) 117  
 Russell, R.G. see K.J. Armour (411) 145  
 Russo, C., T.C. Saido, L.M. DeBusk, M. Tabaton, P. Gambetti and J.K. Teller, Heterogeneity of water-soluble amyloid  $\beta$ -peptide in Alzheimer's disease and Down's syndrome brains (409) 411  
 Rußwurm, S. see R. Kinscherf (405) 55  
 Rutherford, W.A. see G. Sopp (409) 343  
 Ruyschaert, J.-M. see C. De Geyter (400) 149  
 Ruyschaert, J.M. see A. El Ouahabi (414) 187  
 Ruyschaert, J.-M. see I. Martin (405) 351  
 Ruyschaert, J.-M. see S. Zarkik (406) 205  
 Rybalkin, I. see V. Stepanova (414) 471  
 Ryu, J.-R. see J.-H. Lim (406) 142

## S

- Saalbach, G., M. Schwerdel, G. Natura, P. Buschmann, V. Christov and I. Dahse, Over-expression of plant 14-3-3 proteins in tobacco: enhancement of the plasmalemma K<sup>+</sup> conductance of mesophyll cells (413) 294  
 Saarilahti, H.T. see T. Palomäki (400) 122  
 Saarinen, J. see E. Roine (417) 168  
 Saarinen, M. see B. Westerlund (403) 51  
 Sabatier, J.-M. see C. Devaux (412) 456  
 Sable, C.L., N. Filippa, B. Hemmings and E. Van Obberghen, cAMP stimulates protein kinase B in a Wortmannin-insensitive manner (409) 253  
 Sabnis, R.W. see I.I. Timcheva (405) 141  
 Sabo Nelsen, J. see P. Edwards (402) 62  
 Šabová, Ľ. see P. Polčič (412) 207  
 Sacchi, S. see M. Pomponi (409) 155  
 Sachetto-Martins, G. see L.B. de A. Gerhardt (419) 69  
 Sachs, M. see F. Schaper (405) 99  
 Sadeghlar, F. see T. Wieder (411) 260  
 Sadoul, K. see J. Lang (419) 13  
 Saenko, A.S. see I.A. Zamulaeva (413) 231  
 Saffie, R. see G. Gregoriadis (402) 107  
 Sagermann, M. see G. Grüber (410) 165  
 Sagné, C., S. El Mestikawy, M.-F. Isambert, M. Hamon, J.-P. Henry, B. Giros and B. Gasnier, Cloning of a functional vesicular GABA and glycine transporter by screening of genome databases (417) 177  
 Sagot, I., F. Regnoul, J.-P. Henry and L.-A. Pradel, Translocation of cytosolic annexin 2 to a Triton-insoluble membrane subdomain upon nicotine stimulation of chromaffin cultured cells (410) 229  
 Sahara, N. see M. Okochi (418) 162  
 Saheki, T. see M. Masuda (408) 221  
 Sahlman, L. see G. Aronsson (411) 359  
 Sai, Y. see J. Komura (400) 131  
 Sai, Y. see I. Tamai (419) 107  
 Saido, T.C. see C. Russo (409) 411  
 Saint, N. see E.F. Eppens (415) 317  
 Saishin, Y., S. Shimada, H. Morimura, K. Sato, I. Ishimoto, Y. Tano and M. Tohyama, Isolation of a cDNA encoding a photoreceptor cell-specific actin-bundling protein: retinal fascin (414) 381  
 Saito, H. see S. Masuda (407) 127  
 Saito, M. see M. Nakamura (400) 350  
 Saito, Y. see T. Ishizaki (404) 118  
 Saito, Y. see K. Tanaka (402) 223  
 Saito, Y. see J. Tsuchida (416) 212  
 Saitoh, M. see Y. Kuroki (414) 387  
 Saitoh, T. see Y. Fukushima (409) 283  
 Saitoh, Y. see A. Kato (412) 183  
 Sakaguchi, K. see A.-C. Bergman (417) 17  
 Sakai, N. see M. Wakiyama (409) 407  
 Sakai, T. see N. Kubo (409) 177  
 Sakai, T. see S. Minami (411) 1  
 Sakai, T. see M. Nakamura (400) 350  
 Sakai, T., N. Sirasaka, H. Hirano, M. Kishida and H. Kawasaki, Isolation and expression of the gene which encodes a novel enzyme with polymethoxygalacturonate-degrading activity in *Trichosporon penicillatum* (414) 439  
 Sakakura, C. see T. Shirahama (407) 97  
 Sakal, E., G. Elberg and A. Gertler, Direct evidence that lactogenic hormones induce homodimerization of membrane-anchored prolactin receptor in intact Nb<sub>2</sub>-11C rat lymphoma cells (410) 289  
 Sakamaki, T. see Y. Sawada (400) 177  
 Sakata, T. see T. Masaki (418) 323  
 Sakaue, H. see G.I. Welsh (410) 418  
 Saklatvala, J. see A. Finch (418) 144  
 Sako, Y., P. Chavez Crocker and Y. Ishida, An extremely heat-stable extracellular proteinase (aeropyrolysin) from the hyperthermophilic archaeon *Aeropyrum pernix* K1 (415) 329  
 Sakuda, S. see M. Misset-Smits (409) 221  
 Sakuraba, H. see M. Shimmoto (417) 89  
 Sakurabayashi, I. see N. Kubo (409) 177  
 Sakurai, H. see M. Mochimaru (419) 23  
 Salamino, F., M. Aversa, I. Tedesco, R. De Tullio, E. Melloni and S. Pontremoli, Modulation of rat brain calpastatin efficiency by post-translational modifications (412) 433  
 Salas-Marco, J. see F. Kilic (414) 65  
 Salcini, A.E. see C. Haffner (419) 175  
 Sale, E.M. see C.H. Arnott (406) 179  
 Sale, G.J. see C.H. Arnott (406) 179  
 Salinaro, A. see R. Dunford (418) 87  
 Salinas, P.C. see U. Wagner (411) 369  
 Salles, B. see F. Coudoré (414) 581  
 Salles, J.-P. see F. Gaits (410) 54  
 Salminen, H., K. Ahokas, R. Niemelä, L. Penttilä, H. Maaheimo, J. Helin, C.E. Costello and O. Renkonen, Improved enzymatic synthesis of a highly potent oligosaccharide antagonist of L-selectin (419) 220  
 Salomons, F.A., I.J. van der Klei, A.M. Kram, W. Harder and M. Veenhuis, BrefeldinA interferes with peroxisomal protein sorting in the yeast *Hansenula polymorpha* (411) 133  
 Salvadori, S. see A. Capasso (417) 141  
 Salvato, M.S. see K.L.B. Borden (418) 30  
 Salvio, S., A. Ardizzoni, C. Franceschi and A. Cossarizza, JC-1, but not DiOC<sub>6</sub>(3) or rhodamine 123, is a reliable fluorescent probe to assess  $\Delta\psi$  changes in intact cells: implications for studies on mitochondrial functionality during apoptosis (411) 77  
 Salzman, A.L. see C. Szabó (409) 147  
 Samartsev, V.N., E.N. Mokhova and V.P. Skulachev, The pH-dependent reciprocal changes in contributions of ADP/ATP antiporter and aspartate/glutamate antiporter to the fatty acid-induced uncoupling (412) 179  
 Samec, S. see O. Boss (408) 39  
 Samec, S. see O. Boss (412) 111  
 Sami, M., T.J.N. Brown, P.L. Roach, C.J. Schofield and J.E. Baldwin, Glutamine-330 is not essential for activity in isopenicillin N synthase from *Aspergillus nidulans* (405) 191  
 Sampieri, F. see R. Kharrat (406) 284  
 Sampieri, F. see C. Legros (417) 123  
 Sampson, J. see A. Mortensen (418) 91  
 Samuelson, L.C. see K.A. Lacourse (416) 45  
 Samyn, B. see P. Ledent (413) 194  
 Sanchez, D. see N. Baeza (416) 364  
 Sánchez, J. see H. Flores (414) 313  
 Sanchez, J., R. Argotte and A. Buelna, Engineering of cholera toxin A-subunit for carriage of epitopes at its amino end (401) 95  
 Sanchez, J.-C. see D.F. Hochstrasser (416) 161  
 Sanchez, R. see N. Santanam (414) 549  
 Sánchez-Fernández, R., J. Avalos and E. Cerdá-Olmedo, Inhibition of gibberellin biosynthesis by nitrate in *Gibberella fujikuroi* (413) 35  
 Sánchez-Madrid, F. see A. Luque (413) 265  
 Sánchez-Martínez, C. and J.J. Aragón, Analysis of phosphofructokinase subunits and isozymes in ascites tumor cells and its original tissue, murine mammary gland (409) 86  
 Sanders, C.M. see P.R. Daniels (416) 6  
 Sanders, D. see M. Fischer (419) 259  
 Sandhoff, K. see T. Wieder (411) 260

- Sandmeyer, S.B. see C.M. Connolly (405) 305
- Sandonà, D. see P. Pesaresi (402) 151
- Sandoz, G. see J.-P. Jacquot (400) 293
- Sandroni, M. see L.B. de A. Gerhardt (419) 69
- Sankaran, B., S. Bhagat and A.E. Senior, Photoaffinity labelling of P-glycoprotein catalytic sites (417) 119
- Sanner, T. see S.-O. Mikalsen (401) 271
- Sanner, T. see S.-O. Mikalsen (411) 394
- Sannolo, N. see P. Ferranti (400) 19
- Sano, H. see Y. Kuroki (414) 387
- Sano, S., H. Ohnishi, A. Omori, J. Hasegawa and M. Kubota, BIT, an immune antigen receptor-like molecule in the brain (411) 327
- Sansom, M.S.P. see A.L. Grice (405) 299
- Sansonetti, P. see C. De Geyter (400) 149
- Santanam, N., R. Sanchez, S. Hendler and S. Parthasarathy, Aqueous extracts of cigarette smoke promote the oxidation of low density lipoprotein by peroxidases (414) 549
- Sanz, L. see J.J. Calvete (407) 201
- Sanz-Aparicio, J., J. Hermoso, T.B. Grangeiro, J.J. Calvete and B.S. Cavada, The crystal structure of *Canavalia brasiliensis* lectin suggests a correlation between its quaternary conformation and its distinct biological properties from Concanavalin A (405) 114
- Sapir, S. see H. Weinhouse (416) 207
- Saraiva, M.J.M. see A. Quintas (418) 297
- Sari, M.-A. see A. Renodon (406) 33
- Sarkadi, B. see G.E. Tusnády (402) 1
- Sarkar, D.P. see K. Ramani (404) 164
- Sarma, M.H. see R.H. Sarma (418) 76
- Sarma, R.H., M.H. Sarma, L. Dai and K. Umemoto, GC rich DNA oligonucleotides with narrow minor groove width (418) 76
- Sarret, P. see J.-M. Botto (400) 211
- Sartor, P. see L. Garcia (400) 113
- Sasaki, R. see S. Fukudome (412) 475
- Sasaki, T. see I. Nakamura (401) 207
- Sasaki, T. see K. Sato (414) 480
- Sasaki, T. see M. Shimura (417) 379
- Sassone-Corsi, P. see M.A. Della Fazio (410) 22
- Sato, E.F. see M. Nishikawa (415) 341
- Sato, E.F. see H. Yu (409) 161
- Sato, H. see Y. Okumura (402) 181
- Sato, H. see M. Tanaka (402) 219
- Sato, H. see M. Yu (412) 568
- Sato, H., R.C.M. Siow, S. Bartlett, S. Taketani, T. Ishii, S. Bannai and G.E. Mann, Expression of stress proteins heme oxygenase-1 and -2 in acute pancreatitis and pancreatic islet  $\beta$ TC3 and acinar AR42J cells (405) 219
- Sato, K. see H. Higashi (414) 55
- Sato, K. see Y. Saishin (414) 381
- Sato, K. see I.N. Singh (405) 65
- Sato, K., C. Raymond, N. Martin-Moutot, T. Sasaki, A. Omori, A. Ohtake, J.I. Kim, T. Kohno, M. Takahashi and M. Seagar, Binding of chimeric analogs of  $\omega$ -conotoxin MVIIA and MVIII to the N- and P/Q-type calcium channels (414) 480
- Sato, K., H. Yamamoto, T. Otsuki, M. Aoto, A.A. Tokmakov, F. Hayashi and Y. Fukami, Phosphatidylinositol 4,5-bisphosphate stimulates phosphorylation of the adaptor protein Shc by c-Src (410) 136
- Sato, M. see Y. Hiraki (415) 321
- Sato, R. see R. Nakagawa (408) 301
- Sato, R. see T. Yoshida (414) 333
- Sato, T., Z.-W. Man, K. Toide and Y. Asahi, Plasma membrane content of insulin-regulated glucose transporter in skeletal muscle of the male Otsuka Long-Evans Tokushima Fatty rat, a model of non-insulin-dependent diabetes mellitus (407) 329
- Sato, Y. see A. Hosomi (409) 105
- Satoh, A., E. Takayama, K. Kojima, H. Ogawa, Y. Katsura, T. Kina, T. Irimura and I. Matsumoto, Modulation of cell surface lectin receptors on K562 human erythroleukemia cells induced by transfection with annexin IV cDNA (405) 107
- Satoh, A.K., F. Tokunaga and K. Ozaki, Rab proteins of *Drosophila melanogaster*: Novel members of the Rab-protein family (404) 65
- Satoh, T. see O. Hisatomi (411) 12
- Satow, Y. see M. Kawasaki (412) 518
- Sattelmacher, B. see C.S. Bauer (405) 390
- Sattler, W. see E. Malle (419) 215
- Sattler, W. see F. Schorsch (414) 507
- Sauder, D.N. see Y. Oda (414) 140
- Sauer, H., H. Diedershausen, J. Hescheler and M. Wartenberg, Calcium-dependence of hydrogen peroxide-induced c-fos expression and growth stimulation of multicellular prostate tumor spheroids (419) 201
- Saunders, A.M. see M. Okochi (418) 162
- Saurer, S. see V. Wolf (417) 385
- Sautebin, L. see F. D'Acquisto (418) 175
- Savaria, D. see E. Decroly (405) 68
- Savino, M. see S. Cacchione (400) 37
- Savontaus, M.-L. see A. Majander (412) 351
- Savoy, L.-A. see G.J. Hughes (410) 443
- Sawada, H. see M. Murakami (413) 249
- Sawada, H., T. Akaishi, M. Katsu and H. Yokosawa, Difference between PA700-like proteasome activator complex and the regulatory complex dissociated from the 26S proteasome implies the involvement of modulating factors in the 26S proteasome assembly (412) 521
- Sawada, Y., M. Inoue, T. Kanda, T. Sakamaki, S. Tanaka, N. Minamino, R. Nagai and T. Takeuchi, Co-elevation of brain natriuretic peptide and proprotein-processing endoprotease furin after myocardial infarction in rats (400) 177
- Sawyer, W.H. see C.E. MacPhee (416) 265
- Sawyer, W.H. see S.S. Mok (415) 303
- Saxena, K. see A. Hirsch (404) 208
- Sayed, M.M. see S. Ahmad (402) 213
- Sberna, G. see S.S. Mok (415) 303
- Scagliarini, S. see F. Sparla (414) 571
- Scarlett, J.L. and M.P. Murphy, Release of apoptogenic proteins from the mitochondrial intermembrane space during the mitochondrial permeability transition (418) 282
- Scarpa, S. see M. Lucarelli (401) 53
- Scarpello, J.H.B. see A.C. Loweth (400) 285
- Schaart, G., L. Moens, J.M. Endert and F.C.S. Ramaekers, Biochemical characterization of cardiotin, a sarcoplasmic reticulum associated protein (403) 168
- Schäfer, D. see B. Hamm-Künzelmann (403) 87
- Schäfer, D., B. Hamm-Künzelmann and K. Brand, Glucose regulates the promoter activity of aldolase A and pyruvate kinase  $M_2$  via dephosphorylation of Sp1 (417) 325
- Schäfer, H.J., S. Greiner, T. Rausch and A. Haag-Kerwer, In seedlings of the heavy metal accumulator *Brassica juncea*  $Cu^{2+}$  differentially affects transcript amounts for  $\gamma$ -glutamylcysteine synthetase ( $\gamma$ -ECS) and metallothionein (MT2) (404) 216
- Schäfer, R.E. see A.A. Stachora (409) 74
- Schäfer, U. see J. Füllekrug (404) 75
- Schaffner, K. see C. Kneip (414) 23
- Schambony, A.M. see L. Magdaleno (420) 179
- Schaper, F., E. Siewert, M.J. Gómez-Lechón, P. Gatsios, M. Sachs, W. Birchmeier, P.C. Heinrich and J. Castell, Hepatocyte growth factor/scatter factor (HGF/SF) signals via the STAT3/APRF transcription factor in human hepatoma cells and hepatocytes (405) 99
- Scharffetter-Kochanek, K. see M. Wlaschek (413) 239
- Schätzlein, C. see W. Schiweck (414) 33
- Schauenstein, K. see P.M. Abuja (413) 289
- Schaur, R. see W. Wonisch (405) 11
- Scheer, H. see H. Foerstendorf (402) 173
- Scheffzek, K. see A. Wittinghofer (410) 63
- Scheibe, R. see T. Reimann (403) 57
- Schellenbaum, L. see N. Sprenger (400) 355
- Schenk, O. see A. Simm (410) 481
- Schepens, J., E. Cuppen, B. Wieringa and W. Hendriks, The neuronal nitric oxide synthase PDZ motif binds to -G(D,E)XV<sup>+</sup> carboxyterminal sequences (409) 53
- Schieferdecker, H.L., E. Rothermel, A. Timmermann, O. Götz and K. Jungermann, Anaphylatoxin C5a receptor mRNA is strongly expressed in Kupffer and stellate cells and weakly in sinusoidal endothelial cells but not in hepatocytes of normal rat liver (406) 305
- Schierhorn, A. see T. Tradler (407) 184
- Schiffer, M. see M. Valerio-Lepiniec (407) 159
- Schildkraut, I. see J.A. Hirsch (403) 136
- Schiller, H., H. Senger, H. Miyashita, S. Miyachi and H. Dau, Light-harvesting in *Acaryochloris marina* - spectroscopic characterization of a chlorophyll *d*-dominated photosynthetic antenna system (410) 433
- Schilling, W.P. see A.S. Chang (415) 335
- Schindler, T. see C. Scholz (414) 69

- Schinke, T., T. Koide and W. Jahnen-Dechent, Human histidine-rich glycoprotein expressed in SF9 insect cells inhibits apatite formation (412) 559
- Schinkel, R. see A. Simm (410) 481
- Schiöth, H.B., S. Petersson, R. Muceniece, M. Szardenings and J.E.S. Wikberg, Deletions of the N-terminal regions of the human melanocortin receptors (410) 223
- Schirmer, R. see S. Gromer (412) 318
- Schirmacher, V. see F. Gounari (413) 371
- Schiweck, W., B. Buxbaum, C. Schätzlein, H.G. Neiss and A. Skerra, Sequence analysis and bacterial production of the anti-*c-myc* antibody 9E10: the V<sub>H</sub> domain has an extended CDR-H3 and exhibits unusual solubility (414) 33
- Schlag, P.M. see W. Kemmner (409) 347
- Schleiff, E., G.C. Shore and I.S. Goping, Human mitochondrial import receptor, Tom20p. Use of glutathione to reveal specific interactions between Tom20-glutathione *S*-transferase and mitochondrial precursor proteins (404) 314
- Schlichting, I., C. Jung and H. Schulze, Crystal structure of cytochrome P-450cam complexed with the (1S)-camphor enantiomer (415) 253
- Schlick, J.-L. see B. Desvoyes (410) 303
- Schliess, F. see R. Sinning (400) 163
- Schliwa, M. see S. Linder (417) 33
- Schlüter, K. see T. Domke (411) 291
- Schmalhausen, E.V., V.I. Mironetz and N.K. Nagradova, Rabbit muscle GAPDH: non-phosphorylating dehydrogenase activity induced by hydrogen peroxide (414) 247
- Schmid, D., D. Pridmore, G. Capitani, R. Battistutta, J.-R. Neeser and A. Jann, Molecular organisation of the ice nucleation protein InaV from *Pseudomonas syringae* (414) 590
- Schmid, F.X. see C. Scholz (414) 69
- Schmid, J. see R. Tommasini (411) 206
- Schmidt, B.F. see M.E. McGrath (413) 486
- Schmidt, C. see R. Pollner (405) 31
- Schmidt, M. see J. Keller (403) 299
- Schmidt, W. and L. Beerhues, Alternative pathways of xanthone biosynthesis in cell cultures of *Hypericum androsaemum* L. (420) 143
- Schmitz, F. see G. Kalhammer (414) 599
- Schmitz, H.-P. see J.J. Jacoby (417) 219
- Schmitz, M. see P.M. Bork (402) 85
- Schnarrenberger, C. see C. Oesterhelt (401) 35
- Schneider, A. see K. Weber (419) 87
- Schneider, C. see S. Goruppi (415) 59
- Schneider, C. see P. Marcandalli (415) 56
- Schneider, C. see J.C. Young (418) 139
- Schneider, E. see A. Stein (413) 211
- Schneider, G. see A. Andersson (400) 173
- Schneider, G. see G. Lu (403) 249
- Schneider, P. see K. Becker (412) 102
- Schneider, P., J.-L. Bodmer, M. Thome, K. Hofmann, N. Holler and J. Tschopp, Characterization of two receptors for TRAIL (416) 329
- Schneider, R., B. Brors, M. Massow and H. Weiss, Mitochondrial fatty acid synthesis: a relic of endosymbiotic origin and a specialized means for respiration (407) 249
- Schneider, T. see G. Mehrke (408) 261
- Schneiter, R. see A. Leber (411) 211
- Schnell, N. see M. Fischer (419) 259
- Schoenberg, M.H. see S. Gansauge (404) 6
- Schoenberg, M.H. see S. Gansauge (410) 160
- Schoenfeld, J.R., J.Y.K. Tom and D.G. Lowe, Mutations in B-type natriuretic peptide mediating receptor-A selectivity (414) 263
- Schofield, C.J. see M. Sami (405) 191
- Scholtka, B. see F. Stümpel (410) 515
- Scholz, C., T. Schindler, K. Dolinski, J. Heitman and F.X. Schmid, Cyclophilin active site mutants have native prolyl isomerase activity with a protein substrate (414) 69
- Schomburg, D. see T. Domke (411) 291
- Schöneck, R. see M. Dormeyer (414) 449
- Schoner, B. see A.D. Kline (407) 239
- Schönfeld, P. and R. Bohnsack, Fatty acid-promoted mitochondrial permeability transition by membrane depolarization and binding to the ADP/ATP carrier (420) 167
- Schönfeld, P., M.R. Więckowski and L. Wojtczak, Thyroid hormone-induced expression of the ADP/ATP carrier and its effect on fatty acid-induced uncoupling of oxidative phosphorylation (416) 19
- Schönfeld, P., M.R. Więckowski and L. Wojtczak, Corrigendum to: Thyroid hormone-induced expression of the ADP/ATP carrier and its effect on fatty acid-induced uncoupling of oxidative phosphorylation (FEBS 19310) [*FEBS Letters* 416 (1997) 19–22] (419) 151
- Schönheit, P. see A.-K. Bock (414) 209
- Schönherr, R. see H. Suessbrich (414) 435
- Schönknecht, G. see C.S. Bauer (405) 390
- Schörgendorfer, K. see H. Husi (414) 532
- Schorsch, F., E. Malle and W. Sattler, Selective uptake of high density lipoprotein-associated cholesteryl esters by differentiated Ob1771 adipocytes is modulated by endogenous and exogenous lipoprotein lipase (414) 507
- Schots, A. see A. Schouten (415) 235
- Schotte, P. see M. Van de Craen (403) 61
- Schouten, A., J. Roosien, J.M. de Boer, A. Wilmlink, M.-N. Rosso, D. Bosch, W.J. Stiekema, F.J. Gommers, J. Bakker and A. Schots, Improving scFv antibody expression levels in the plant cytosol (415) 235
- Schrader, M. see J.J. Calvete (416) 197
- Schrader, M. see L. Ständker (420) 129
- Schraml, J. see A. De Bruyn (405) 111
- Schreiber, R. see K. Kunzelmann (400) 341
- Schröder, H. see H.-P. Podhaisky (417) 349
- Schröder, H. see T. Polte (409) 46
- Schröder, H. see T. Ullrich (406) 66
- Schröder, S., K. Blüml, C. Dees and M.J. Lohse, Identification of a C-terminal binding site for G-protein  $\beta\gamma$ -subunits in phospholipase-like protein (401) 243
- Schubert, H. see A. Wilde (406) 89
- Schubert, H. see A. Wilde (412) 404
- Schuhmann, K., C. Voelker, G.F. Höfer, H. Pflügelmeier, N. Klugbauer, F. Hofmann, C. Romanin and K. Groschner, Essential role of the beta subunit in modulation of C-class L-type  $\text{Ca}^{2+}$  channels by intracellular pH (408) 75
- Schüller, H.-J. see M. Hiesinger (415) 16
- Schultheiss, H.-P. see A. Doerner (414) 258
- Schulthess, G. see D. Boffelli (411) 7
- Schultz, G.A. see K.J. Leco (401) 213
- Schulz, S. see A. Huber (406) 6
- Schulze, H. see I. Schlichting (415) 253
- Schulze, K. see A. Doerner (414) 258
- Schulze-Forster, K. and H. Maurer, Expression and modulation of the Lewis x antigen (CD15) on the T cell line Molt-4 (415) 25
- Schulze-Osthoff, K. see M.K.A. Bauer (402) 256
- Schumacher, U. see S.A. Brooks (415) 346
- Schumacher, U. see S.L. Kelly (400) 80
- Schumacher, W., C. Holliger, A.J.B. Zehnder and W.R. Hagen, Redox chemistry of cobalamin and iron-sulfur cofactors in the tetrachloroethene reductase of *Dehalobacter restrictus* (409) 421
- Schumann, P. see R. Rothen (403) 15
- Schunack, W. see S. Corbel (404) 289
- Schürmann, A. see S. Wandel (413) 495
- Schuster, N. see A. Prowald (408) 99
- Schuster, T. see C. Hagemann (403) 200
- Schütze, H.-J. see B. Simon (411) 383
- Schwaebler, W.J. see N.J. Lynch (418) 111
- Schwalbe, C.H. see D.A. Middleton (410) 269
- Schwartz, J.-L., M. Juteau, P. Grochulski, M. Cygler, G. Préfontaine, R. Brousseau and L. Masson, Restriction of intramolecular movements within the CryIAa toxin molecule of *Bacillus thuringiensis* through disulfide bond engineering (410) 397
- Schwartz, J.-L., Y.-J. Lu, P. Söhnlein, R. Brousseau, R. Laprade, L. Masson and M.J. Adang, Ion channels formed in planar lipid bilayers by *Bacillus thuringiensis* toxins in the presence of *Manduca sexta* midgut receptors (412) 270
- Schwartz, R. see M. Renganathan (417) 13
- Schwarz, A. see M. Wlaschek (413) 239
- Schwarz, W. see J. Zhao (408) 271
- Schweizer, E. see S. Brody (408) 217
- Schwencke, C. see T. Ebina (401) 223
- Schwencke, C. see T. Ebina (411) 393
- Schwender, J. see H.K. Lichtenthaler (400) 271
- Schwender, J., J. Zeidler, R. Gröner, C. Müller, M. Focke, S. Braun, F.W. Lichtenthaler and H.K. Lichtenthaler, Incorporation of 1-deoxy-D-xylulose into isoprene and phytol by higher plants and algae (414) 129

- Schwerdel, M. see G. Saalbach (413) 294
- Schwesinger, F. see G. Pedrazzi (415) 289
- Scocchi, M., S. Wang and M. Zanetti, Structural organization of the bovine cathelicidin gene family and identification of a novel member (417) 311
- Scott, P.H. and J.C. Lawrence Jr., Insulin activates a PD098059-sensitive kinase that is involved in the regulation of p70<sup>S6K</sup> and PHAS-I (409) 171
- Scozzafava, A. see F. Briganti (416) 61
- Scozzafava, A. see V.M. Travkin (407) 69
- Scully, M.F. see D.M. Brennand (413) 70
- Scully, M.F. see D.M. Brennand (419) 166
- Seagar, M. see K. Sato (414) 480
- Sebban, P. see M. Valerio-Lepiniec (407) 159
- Seemann, J., K. Weber and V. Gerke, AnnexinI targets S100C to early endosomes (413) 185
- Seemüller, E. see F. Zühl (418) 189
- Seetharaman, S. see S.F. von Weikersthal (417) 395
- Segal, S. see D. Fishman (410) 191
- Segall, Y. see R. Barak (407) 347
- Seger, R. see Y. Yung (408) 292
- Segers, G. see L. De Veylder (412) 446
- Séguéla, P. see K.-T. Lê (418) 195
- Segura, J.A., L.G. Barbero and J. Márquez, Early tumor effect on splenic Th lymphocytes in mice (414) 1
- Seidah, N.G. see E. Decroly (405) 68
- Seidah, N.G. see S. Zarkik (406) 205
- Seidel, D. see T. Reimann (403) 57
- Seif, F. see A. Simm (410) 481
- Seiki, M. see Y. Okumura (402) 181
- Seiki, M. see M. Tanaka (402) 219
- Seiki, M. see M. Yu (412) 568
- Seino, S. see N. Inagaki (409) 232
- Seino, S. see K. Komatsuzaki (406) 165
- Sekeris, C.E. see W.M. Bente (407) 211
- Sekimizu, K. see A. Ohba (404) 125
- Selivanov, V.A. see M.V. Kovina (418) 11
- Sellos, D., S. Lemoine and A. Van Wormhoudt, Molecular cloning of hemocyanin cDNA from *Penaeus vannamei* (Crustacea, Decapoda): structure, evolution and physiological aspects (407) 153
- Selvapandian, A. see R. Marzari (411) 27
- Semenov, A.Yu. see K.N. Gourovskaya (414) 193
- Semenov, D.V. see T.G. Kanyshkova (416) 23
- Semenova, M.L. see A.V. Zelenin (414) 319
- Semenza, G., Editorial (400) 1
- Semenza, G., Editorial (410) 1
- Semin, B.K. and F. Parak, Coordination sphere and structure of the Mn cluster of the oxygen-evolving complex in photosynthetic organisms (400) 259
- Semisotnov, G.V. see A.K. Surin (405) 260
- Semyonova, S.B. see K.I. Kiselyov (407) 309
- Senba, S. see M. Eto (410) 356
- Senchenkova, S.N. see A. Ziolkowski (411) 221
- Sendra, R. see A.B. Ruiz-García (403) 186
- Senger, H. see J. Marquardt (410) 428
- Senger, H. see H. Schiller (410) 433
- Sengupta, S., M. Subbarao Shaila and G. Ramananda Rao, A novel autophosphorylation mediated regulation of nitrite reductase in *Candida utilis* (416) 51
- Senin, I.I., A.A. Zargarov, M. Akhtar and P.P. Philippov, Rhodopsin phosphorylation in bovine rod outer segments is more sensitive to the inhibitory action of recoverin at the low rhodopsin bleaching than it is at the high bleaching (408) 251
- Senior, A.E. see S. Löbau (404) 15
- Senior, A.E. see B. Sankaran (417) 119
- Senior, A.E. see J. Weber (412) 169
- Senior, H.E.J. see K.M. Loomes (405) 369
- Senmaru, M. see J. Komura (400) 131
- Sentürk, S., B. Karahallı, M. Inal, H. Yilmaz, H. Müslümanoğlu, G. Gedikoglu and M. Dizdaroglu, Oxidative DNA base damage and antioxidant enzyme levels in childhood acute lymphoblastic leukemia (416) 286
- Seol, J.H. see D.H. Shin (413) 495
- Seol, J.H. see S.J. Yoo (412) 57
- Seong, I.S. see S.J. Yoo (412) 57
- Serbulea, M. see A.A. Thant (406) 28
- Sergeant, N., J.-P. David, D. Lefranc, P. Vermersch, A. Wattez and A. Delacourte, Different distribution of phosphorylated tau protein isoforms in Alzheimer's and Pick's diseases (412) 578
- Sergeeva, M.G., M.V. Gonchar, A.T. Mevkh and S.D. Varfolomeyev, Prostaglandin E<sub>2</sub> biphasic control of lymphocyte proliferation: inhibition by picomolar concentrations (418) 235
- Serlenga, L. see A.M.S. Lezza (418) 167
- Serpone, N. see R. Dunford (418) 87
- Serra, F. see M. Bonet (406) 196
- Serradeil-Le Gal, C., D. Raufaste, G. Brossard, B. Pouzet, E. Marty, J.-P. Maffrand and G. Le Fur, Characterization and localization of leptin receptors in the rat kidney (404) 185
- Servidei, S. see A.M.S. Lezza (418) 167
- Servillo, G. see M.A. Della Fazio (410) 22
- Servis, C. see M.A. Roggero (408) 285
- Sestili, P. see L. Brambilla (418) 247
- Seto, S. see T. Kaido (411) 378
- Setoguchi, T. see Y. Nakamura (419) 45
- Severin, F.F., N.A. Shanina, A. Shevchenko, O.B. Solovyanova, V.V. Koretsky and E.S. Nadezhkina, A major 170 kDa protein associated with bovine adrenal medulla microtubules: a member of the centrosomin family? (420) 125
- Seyama, Y. see Y. Yokoyama (412) 153
- Seydoux, J. see O. Boss (408) 39
- Seydoux, J. see O. Boss (412) 111
- Shafei, R.A. see A.V. Zelenin (414) 319
- Shafferman, A. see R. Barak (407) 347
- Shakirov, E.V. see I.B. Leshchinskaya (404) 241
- Shalak, V.F. see Z.M. Petruschenko (407) 13
- Shameekumar, P. see C.J. Chastain (413) 169
- Shamsher, M.K. see L.-P. Berg (403) 83
- Shamshiev, A.T. see I.I. Agapov (402) 91
- Shan, S. see D.J. Butcher (409) 183
- Shanahan, M.F. see S. Wandel (413) 495
- Shanina, N.A. see F.F. Severin (420) 125
- Shankar, R. see S. Ahmad (402) 213
- Shapiro, S. see M. Mukaide (407) 51
- Shaposhnikova, V.V., M.V. Egorova, A.A. Kudryavtsev, M.Kh. Levitman and Yu.N. Korystov, The effect of melittin on proliferation and death of thymocytes (410) 285
- Sharipova, M.R. see I.B. Leshchinskaya (404) 241
- Sharma, R. see S.J. Perry (409) 426
- Sharon, N. see H. Krotkiewski (406) 296
- Sharp, J.D. see R.M. Kramer (410) 49
- Sharpe, M.A. see C.E. Cooper (414) 281
- Shashkov, A.S. see A. Ziolkowski (411) 221
- Shaw, M. see D.A.E. Cross (406) 211
- Shaw, M., P. Cohen and D.R. Alessi, Further evidence that the inhibition of glycogen synthase kinase-3 $\beta$  by IGF-I is mediated by PDK1/PKB-induced phosphorylation of Ser-9 and not by dephosphorylation of Tyr-216 (416) 307
- Shchyolkina, A.K. and O.F. Borisova, Stabilizing and destabilizing effects of intercalators on DNA triplexes (419) 27
- Shears, S.B. see M.T. Sumner (413) 75
- Sheldon, R. see V. Švedas (417) 414
- Shen, Y., J. Liu, X. Wang, X. Cheng, Y. Wang and N. Wu, Essential role of the first intron in the transcription of hsp90 $\beta$  gene (413) 92
- Sheng, X.R. see X.M. Pan (402) 25
- Sheng, X.R., H.J. Zhang, X.M. Pan, X.F. Li and J.M. Zhou, Domain movement in rabbit muscle adenylate kinase might involve proline isomerization (413) 429
- Sherratt, H.A. see T.D. Spurway (404) 111
- Sherry, A. see J.G. Jones (412) 131
- Sherwood, N.M. see A. Craig (413) 215
- Shestakov, S.V. see T. Hübschmann (408) 201
- Shestopalov, A.I., A.V. Bogachev, R.A. Murtazina, M.B. Viryasov and V.P. Skulachev, Aeration-dependent changes in composition of the quinone pool in *Escherichia coli* (404) 272
- Sheu, L. see H.Y. Gaisano (414) 298
- Shevchenko, A. see F.F. Severin (420) 125
- Shevchenko, A.S. see I.A. Zamulaeva (413) 231
- Shevelev, A.B., Ya.N. Kogan, A.M. Bushueva, E.J. Voronina, D.V. Rebrikov, S.I. Novikova, G.G. Chestukhina, V. Kuvshinov, E. Pehu and V.M. Stepanov, A novel delta-endotoxin gene *cryIM* from *Bacillus thuringiensis* ssp. *wuhanensis* (404) 148
- Sheves, M. see X. Fu (416) 167
- Shiao, L.-L. see A.D. Howard (405) 285
- Shibasaki, Y. see T. Murata (406) 109

- Shibata, N. see K. Ikuta (414) 338
- Shibusawa, S. see Y. Shikamoto (412) 526
- Shida, C.S. see E.J.X. Costa (416) 103
- Shields, J.M. see H. Ton-That (419) 239
- Shigematsu, H. see M. Masuda (408) 331
- Shih, Y.-H. see M.-L. Tsaor (400) 215
- Shikamoto, Y., S. Shibusawa, I. Okuyama and T. Morita.  
Characterization of membrane-associated prothrombin activator in normal and injured murine tissues (412) 526
- Shilo, Y. see H. Weinhouse (416) 207
- Shim, Y.K. see D.H. Shin (413) 495
- Shim, Y.K. see S.J. Yoo (412) 57
- Shima, A. see T. Daikoku (410) 383
- Shima, A. see N. Yamazaki (409) 401
- Shimada, S. see Y. Saishin (414) 381
- Shimane, M. see I. Tamai (419) 107
- Shimano, R. see R.A. Furuta (415) 231
- Shimano, R. see M. Kawamura (415) 227
- Shimbara, S. see M. Murakami (413) 249
- Shimeld, S.M., A transcriptional modification motif encoded by homeobox and fork head genes (410) 124
- Shimizu, H. see S.-Y. Park (412) 346
- Shimizu, K. see I. Onishi (420) 201
- Shimizu, T. see Y. Suzuki (409) 29
- Shimma, Y. see T. Odani (420) 186
- Shimmoto, M., R. Kase, K. Itoh, K. Utsumi, S. Ishii, C. Taya, H. Yonekawa and H. Sakuraba, Generation and characterization of transgenic mice expressing a human mutant  $\alpha$ -galactosidase with an R301Q substitution causing a variant form of Fabry disease (417) 89
- Shimoda, C. see T. Hirayama (413) 16
- Shimono, K., M. Iwamoto, M. Sumi and N. Kamo, Functional expression of *pharaonis* phoborhodopsin in *Escherichia coli* (420) 54
- Shimosawa, T. see K. Ando (413) 462
- Shimotohno, K. see T. Akagi (406) 263
- Shimotohno, K. see D. Vishnuvardhan (402) 209
- Shimoyama, M. see M. Terashima (412) 227
- Shimura, H. see K. Date (420) 1
- Shimura, M., Y. Ishizaka, A. Yuo, K. Hatake, M. Oshima, T. Sasaki and F. Takaku, Characterization of room temperature induced apoptosis in HL-60 (417) 379
- Shin, D.H., S.J. Yoo, Y.K. Shim, J.H. Seol, M.-S. Kang and C.H. Chung, Corrigendum to: Mutational analysis of the ATP-binding site in HslU, the ATPase component of HslVU protease in *Escherichia coli* (FEBS 17829) [FEBS Letters 398 (1996) 151–154] (413) 495
- Shin, J.H., S. Chung, E.J. Park, D.-Y. Uhm and C.K. Suh, Nitric oxide directly activates calcium-activated potassium channels from rat brain reconstituted into planar lipid bilayer (415) 299
- Shin, W.S. see H. Hikiji (410) 238
- Shinoda, S. see K. Tomochika (404) 61
- Shinohara, C. see R. Takayasu (418) 58
- Shinohara, Y. see T. Daikoku (410) 383
- Shinohara, Y. see N. Yamazaki (409) 401
- Shinozaki, K. see T. Hirayama (413) 16
- Shinozaki, K. see K. Tanaka (413) 309
- Shioda, M. see Y. Yokoyama (412) 153
- Shiokawa, D., H. Maruta and S. Tanuma, Inhibitors of poly(ADP-ribose) polymerase suppress nuclear fragmentation and apoptotic body formation during apoptosis in HL-60 cells (413) 99
- Shiokawa, M. see Y. Mori (406) 310
- Shiota, N. see S. Takai (412) 86
- Shiota, N., D. Jin, S. Takai, T. Kawamura, M. Koyama, N. Nakamura and M. Miyazaki, Chymase is activated in the hamster heart following ventricular fibrosis during the chronic stage of hypertension (406) 301
- Shiotsuki, H. see Y. Nakamura (419) 45
- Shipton, C.A. see I. Parmryd (414) 527
- Shirahama, T., C. Sakakura, E.A. Sweeney, M. Ozawa, M. Takemoto, K. Nishiyama, Y. Ohi and Y. Igarashi, Sphingosine induces apoptosis in androgen-independent human prostatic carcinoma DU-145 cells by suppression of bcl-X<sub>L</sub> gene expression (407) 97
- Shiraiwa, M. see A. Kawada (408) 43
- Shiro, Y. see S.-Y. Park (412) 346
- Shirokova, E.A. see B.I. Martynov (410) 423
- Shirotani, H. see F. Tokunaga (412) 65
- Shirotani, H. see F. Tokunaga (415) 351
- Shkedy, D. see H. Gonen (406) 17
- Shkuropatov, A.Ya., R.A. Khatypov, T.S. Volshchukova, V.A. Shkuropatova, T.G. Owens and V.A. Shuvalov, Spectral and photochemical properties of borohydride-treated D1-D2-cytochrome *b*-559 complex of photosystem II (420) 171
- Shkuropatova, V.A. see A.Ya. Shkuropatov (420) 171
- Shlyakhova, L. see I. Alexandrov (414) 465
- Shlyapnikov, M.G. see F.A. Kadyrov (415) 75
- Shlyapnikov, M.G. see N.S. Kholod (411) 123
- Shlyapnikov, S.V. see V.Yu. Lunin (412) 217
- Shoda, T. see K. Fukuda (412) 290
- Shoji, S.-I. see M. Okochi (418) 162
- Shone, C.C. see R. Pellizzari (409) 339
- Shooter, G.K. see L.G. Laajoki (420) 97
- Shore, G.C. see E. Schleiff (404) 314
- Shore, G.C. see N.A.E. Steenaart (415) 294
- Shoshan, M.C. see A.-C. Bergman (417) 17
- Shoun, H. see S.-Y. Park (412) 346
- Shoun, H. see N. Takaya (414) 545
- Shoyama, Y. see H. Tanaka (404) 279
- Shudo, K. see S. Imai (411) 102
- Shukunami, C. see Y. Hiraki (415) 321
- Shukunami, C. see Y. Mori (406) 310
- Shuvalov, V.A. see R. Fiege (403) 112
- Shuvalov, V.A. see A.Ya. Shkuropatov (420) 171
- Siboska, G.E. see J. Barciszewski (414) 457
- Siebert, F. see H. Foersterdorf (402) 173
- Siegel, G.M. see A.R. Ashton (408) 30
- Siegenthaler, P.-A., M.-O. Müller and L. Bovet, Evidence for lipid kinase activities in spinach chloroplast envelope membranes (416) 57
- Siemion, I.Z. see T.J. Gaymes (418) 224
- Sies, H. see A. Clairmont (419) 268
- Sies, H. see L.-O. Klotz (408) 289
- Sies, H. see M. Wlaschek (413) 239
- Siewert, E. see F. Schaper (405) 99
- Signorini, C. see M. Ferrali (416) 123
- Silvestri, G. see A.M.S. Lezza (418) 167
- Sim, J. see U. Brändle (404) 294
- Sim, R.B. see S. He (405) 42
- Sim, R.B. see S. He (412) 506
- Simm, A., G. Münch, F. Seif, O. Schenk, A. Heidland, H. Richter, S. Vamvakas and R. Schinzel, Advanced glycation endproducts stimulate the MAP-kinase pathway in tubulus cell line LLC-PK<sub>1</sub> (410) 481
- Simmaco, M., A. Boman, M.L. Mangoni, G. Mignogna, R. Miele, D. Barra and H.G. Boman, Effect of glucocorticoids on the synthesis of antimicrobial peptides in amphibian skin (416) 273
- Simon, B., F. Wattler, J.L. Merchant, K. Münch, H.-J. Schütze, G. Suske and R. Arnold, RAP1-like binding activity in islet cells corresponds to members of the Sp1 family of transcription factors (411) 383
- Simon, M.-F. see F. Gaits (410) 54
- Simonian, R.A. see N.V. Malkevitch (412) 173
- Simonian, R.A. see V.N. Popov (415) 87
- Simonis, W. see C.S. Bauer (405) 390
- Simonneaux, G. see C. Mouro (414) 203
- Simonot, C., F. Lerne, P. Louiset and O. Gateau-Roesch, Sub-mitochondrial localization of the catalytic subunit of pyruvate dehydrogenase phosphatase (401) 158
- Simon-Plas, F. see F. Kieffer (403) 149
- Simpson, T.J. see R.J. Cox (405) 267
- Sims, J.E. see T.P. Bonnert (402) 81
- Sinensky, M. see F. Kilic (414) 65
- Singer, J.J. see S. Petrou (411) 339
- Singh, I.N., K. Sato, A. Takashima and J.N. Kanfer, Activation of LA-N-2 cell phospholipases by single alanine substitution analogs of amyloid  $\beta$  peptide (25–35) (405) 65
- Singh, S. see B.G. Darnay (406) 101
- Singh, T.P. see M. Perbandt (412) 573
- Sinning, I. see E. de Leeuw (416) 225
- Sinning, R., F. Schliess, R. Kubitz and D. Häussinger, Osmosignalling in C6 glioma cells (400) 163
- Siow, R.C.M. see H. Sato (405) 219
- Sirasaka, N. see T. Sakai (414) 439
- Siroký, J. see B. Koukalová (414) 289
- Sirota, T.V. see E.A. Kosenko (410) 309

- Sitaram, N., C. Subbalakshmi, V. Krishnakumari and R. Nagaraj, Identification of the region that plays an important role in determining antibacterial activity of bovine seminalplasmin (400) 289
- Sivadon, P., M. Crouzet and M. Aigle, Functional assessment of the yeast Rvs161 and Rvs167 protein domains (417) 21
- Sivilotti, L. see A.N. Akopian (400) 183
- Sivilotti, L., K. Okuse, A.N. Akopian, S. Moss and J.N. Wood, A single serine residue confers tetrodotoxin insensitivity on the rat sensory-neuron-specific sodium channel SNS (409) 49
- Sjollema, K.A. see M. van der Giezen (408) 147
- Sjövall, J. see M. Hjertman (416) 235
- Skaaning Jensen, B., B. Levavi-Sivan, C. Fishburn and S. Fuchs, Functional expression of the murine D<sub>2</sub>, D<sub>3</sub> and D<sub>1</sub> dopamine receptors in *Xenopus laevis* oocytes (420) 191
- Skaper, S.D. see A. Negro (412) 359
- Skarlas, P. see V. Gaussin (413) 115
- Skerra, A. see W. Schiweck (414) 33
- Skibsted, L.H. see A. Mortensen (417) 261
- Skibsted, L.H. see A. Mortensen (418) 91
- Skipsey, M., C.J. Andrews, J.K. Townson, I. Jepson and R. Edwards, Substrate and thiol specificity of a stress-inducible glutathione transferase from soybean (409) 370
- Sklyankina, V. see S. Aaveva (410) 502
- Skretting, G., E. Gjernes and H. Prydz, Sodium butyrate inhibits the expression of the human lecithin:cholesterol acyltransferase gene in HepG2 cells by a post-transcriptional mechanism (404) 105
- Skulachev, V.P. see Y.V. Bertsova (414) 369
- Skulachev, V.P. see A.V. Bogachev (409) 475
- Skulachev, V.P. see S.S. Korshunov (416) 15
- Skulachev, V.P. see N.V. Malkevitch (412) 173
- Skulachev, V.P. see V.N. Popov (415) 87
- Skulachev, V.P. see V.N. Samartsev (412) 179
- Skulachev, V.P. see A.I. Shestopalov (404) 272
- Slegers, H. see K. Anciaux (400) 75
- Sligar, S.G. see S.A. Maves (414) 213
- Sloane, B.F. see I.M. Berquin (419) 121
- Small, C. see A.P. Goldstone (415) 134
- Small, D.H. see S.S. Mok (415) 303
- Small, J.V. see X.H.T. Wehrens (405) 315
- Smeeckens, S.P. see C. Linnevers (405) 253
- Smeland, E.B. see A.M. Kvingedal (407) 59
- Šmigán, P., P. Polák, A. Majerník and M. Greksák, Isolation and characterization of a neomycin-resistant mutant of *Methanobacterium thermoautotrophicum* with a lesion in Na<sup>+</sup>-translocating ATPase (synthase) (420) 93
- Smirnova, H.A. see A.A. Volodin (407) 325
- Smit, M.J. see A.E. Alewijnse (419) 171
- Smith, B. see V. Knäuper (405) 60
- Smith, C. see H.T. McMahon (413) 319
- Smith, C.A.D. see I. Rahman (411) 393
- Smith, C.I. see M. Vihinen (413) 205
- Smith, C.J., A.F. Drake, B.A. Banfield, G.B. Bloomberg, M.S. Palmer, A.R. Clarke and J. Collinge, Conformational properties of the prion octa-repeat and hydrophobic sequences (405) 378
- Smith, J.J. see P. Dibrov (405) 119
- Smith, M. see R. Dong (406) 79
- Smith, M.P. see Y. Takei (414) 377
- Smith, M.R., R.J. Duhé, Y. Liu and W.L. Farrar, Microinjected cDNA encoding JAK2 protein-tyrosine kinase induces DNA synthesis in NIH3T3 cells (408) 327
- Smith, R.G. see A.D. Howard (405) 285
- Smithgall, T.E. see W. Zhang (406) 131
- Smolenskaya, I.N. see A.V. Drabkin (405) 145
- Smulders, R.H.P.H. and W.W. de Jong, The hydrophobic probe 4,4'-bis(1-anilino-8-naphthalene sulfonic acid) is specifically photoincorporated into the N-terminal domain of  $\alpha$ B-crystallin (409) 101
- Snowden, R. see S.C. Chow (408) 141
- Soave, C. see P. Vergani (400) 243
- Søballe, B. and R.K. Poole, Aerobic and anaerobic regulation of the *ubiCA* operon, encoding enzymes for the first two committed steps of ubiquinone biosynthesis in *Escherichia coli* (414) 373
- Soberon, X. see G. del-Río (416) 221
- Soberon, X. see H. Flores (414) 313
- Sobota, A. see A. Strzelecka (400) 11
- Sobue, K. see N. Kawashima (418) 301
- Sockalingum, G.D. see W. Bouhedja (412) 39
- Sodano, P., A. Caille, D. Sy, G. de Person, D. Marion and M. Ptak, <sup>1</sup>H NMR and fluorescence studies of the complexation of DMPC by wheat non-specific lipid transfer protein. Global fold of the complex (416) 130
- Sogami, M. see K. Nakamura (417) 375
- Sohma, H. see Y. Kuroki (414) 387
- Söhnlein, P. see J.-L. Schwartz (412) 270
- Sokolova, M., D. Prüfer, E. Tacke and W. Rohde, The potato leafroll virus 17K movement protein is phosphorylated by a membrane-associated protein kinase from potato with biochemical features of protein kinase C (400) 201
- Sol Rodríguez Pena, M. see A.E. Alewijnse (419) 171
- Soldati, T. see J. Monnat (418) 357
- Soler, G. see M. Modolell (401) 123
- Söling, H.-D. see J. Füllekrug (404) 75
- Söling, H.-D. see I. Majoul (401) 104
- Soloz, M. and J. Camakaris, Acylphosphate formation by the Menkes copper ATPase (412) 165
- Solis, J. see P. Bonay (416) 276
- Soll, J. see R. Grimm (408) 350
- Solovyanova, O.B. see F.F. Severin (420) 125
- Solovyanova, O.B. see L.A. Zinovkina (414) 135
- Someya, Y. see T. Hirata (412) 337
- Son, C. see J. Matsuda (418) 200
- Soni, B.G. and R.G. Foster, A novel and ancient vertebrate opsin (406) 279
- Sönnichsen, B. see J. Füllekrug (404) 75
- Sonoda, G. see T.P. Bonnert (402) 81
- Sonti, R.V. see L. Rajagopal (415) 125
- Soole, K.L. see A.M. Takos (405) 1
- Sopp, G., W.A. Rutherford and W. Oettmeier, A single mutation in the M-subunit of *Rhodospirillum rubrum* confers herbicide resistance (409) 343
- Sorbi, R.T. see E. Ferrari (401) 73
- Sorg, C. see M. Klempt (408) 81
- Sorgato, M. see A. Negro (412) 359
- Soria, C. see S.S. Mirshahi (411) 322
- Soria, C. see V. Trochon (418) 6
- Soria, J. see S.S. Mirshahi (411) 322
- Soria, J. see V. Trochon (418) 6
- Soriano, S. and G. Banting, Possible roles of inositol 1,4,5-trisphosphate 3-kinase B in calcium homeostasis (403) 1
- Sorrentino, S. and M. Libonati, Structure-function relationships in human ribonucleases: main distinctive features of the major RNase types (404) 1
- Sorrentino, S. see G. Gotte (415) 308
- Sosa, M.A., F. Bertini, K. von Figura and A. Hille-Rehfeld, Is an ATPase involved in uncoating of plasma membrane adaptor complex AP-2? (407) 173
- Souslova, V. see A.N. Akopian (400) 183
- Souvré, A. see N. Vallée (411) 115
- Souza, D.O. see M. Ramos (406) 114
- Sowden, J.C. see C. Papapetrou (409) 201
- Soza, A., C. Knuehl, M. Groettrup, P. Henklein, K. Tanaka and P.-M. Kloetzel, Expression and subcellular localization of mouse 20S proteasome activator complex PA28 (413) 27
- Sozzani, S., D. Longoni, R. Bonacchi, W. Luini, L. Bersani, G. D'Amico, A. Borsatti, F. Bussolino, P. Allavena and A. Mantovani, Human monocyte-derived and CD34<sup>+</sup> cell-derived dendritic cells express functional receptors for platelet activating factor (418) 98
- Sparatore, B. see M. Passalacqua (400) 275
- Sparla, F., P. Bagnaresi, S. Scagliarini and P. Trost, NADH:Fe(III)-chelate reductase of maize roots is an active cytochrome b<sub>5</sub> reductase (414) 571
- Speciale, C. see S. Toma (408) 5
- Specks, U. see D.E. Jenne (408) 187
- Spector, M. see W. Jarvis (412) 9
- Speijer, H., S.W.S. Jans, C.P.M. Reutelingsperger, C. Hack, G.J. van der Vusse and W.Th. Hermens, Partial coverage of phospholipid model membranes with annexin V may completely inhibit their degradation by phospholipase A<sub>2</sub> (402) 193
- Sperling-Petersen, H.U. see S.A. de A. Steffensen (419) 281
- Spiegel, S. see R.A. Rius (417) 173
- Spiegel, S. see M. Yu (412) 568
- Spielmanns, P. see U. Brändle (404) 294
- Spiers, I.D. see D.A. Middleton (410) 269
- Spiess, A.-N. see P. Koskimies (419) 186

- Spiess, E. see T. Glaser (413) 50  
 Spiker, S. see I. Meier (415) 91  
 Spirin, A.S. see K.A. Martemyanov (414) 268  
 Spisni, A. see E. Ferrari (401) 73  
 Sprenger, N., L. Schellenbaum, K. van Dun, T. Boller and A. Wiemken, Fructan synthesis in transgenic tobacco and chicory plants expressing barley sucrose:fructan 6-fructosyltransferase (400) 355  
 Sprengle, A.B., S.P. Davies, D. Carling, D. Hardie and T.W. Sturgill, Identification of Raf-1 Ser<sup>621</sup> kinase activity from NIH 3T3 cells as AMP-activated protein kinase (403) 254  
 Spring, J., Vertebrate evolution by interspecific hybridisation – are we polyploid? (400) 2  
 Spudich, J.A. see S. Nock (414) 233  
 Spurway, T.D., C.I. Pogson, H.A. Sherratt and L. Agius, Etomoxir, sodium 2-[6-(4-chlorophenoxy)hexyl]oxirane-2-carboxylate, inhibits triacylglycerol depletion in hepatocytes and lipolysis in adipocytes (404) 111  
 Srai, S. see R. Dong (406) 79  
 Sreekumar, R. see F.Z. Zamudio (405) 385  
 Srinivas, U.K. see B.V.V. Pardhasaradhi (411) 67  
 St. George-Hyslop, P.H. see M. Okochi (418) 162  
 Stachora, A.A., R.E. Schäfer, M. Pohlmeier, G. Maier and H. Ponstingl, Human Supt5h protein, a putative modulator of chromatin structure, is reversibly phosphorylated in mitosis (409) 74  
 Stadelmann, B. see M. Küng (409) 333  
 Stafford, D.W. see T.B. Stanley (407) 85  
 Stalder, R. see F. Olasz (413) 453  
 Stalmans, W. see A. Dinischiotu (402) 141  
 Stals, H., S. Bauwens, J. Traas, M. Van Montagu, G. Engler and D. Inzé, Plant CDC2 is not only targeted to the pre-prophase band, but also co-localizes with the spindle, phragmoplast, and chromosomes (418) 229  
 Stam, N.J., C. Roesink, F. Dijk, A. Garritsen, A. van Herpen and W. Olive, Human serotonin 5-HT<sub>7</sub> receptor: cloning and pharmacological characterisation of two receptor variants (413) 489  
 Stammer, H. see T. Glaser (413) 50  
 Ständer, L., M. Schrader, S.M. Kanse, M. Jürgens, W.-G. Forssmann and K.T. Preissner, Isolation and characterization of the circulating form of human endostatin (420) 129  
 Stanhill, A. see Y.C. Broder (412) 535  
 Stanková, J. see C. Le Gouill (402) 203  
 Stanley, T.B., D.W. Stafford, B.M. Olivera and P.K. Bandyopadhyay, Identification of a vitamin K-dependent carboxylase in the venom duct of a *Conus* snail (407) 85  
 Stapleton, D., E. Woollatt, K.I. Mitchell, J.K. Nicholl, C. Fernandez, B.J. Michell, L.A. Witters, D.A. Power, G.R. Sutherland and B.E. Kemp, AMP-activated protein kinase isoenzyme family: subunit structure and chromosomal location (409) 452  
 Stark, H. see S. Corbel (404) 289  
 Starkov, A.A. see S.S. Korshunov (416) 15  
 Starkov, A.A. see N.V. Malkevitch (412) 173  
 Starkov, A.A. see V.N. Popov (415) 87  
 Stavrovskaya, I.G. see E.A. Kosenko (410) 309  
 Stayton, M.M. see T. Hanekamp (415) 40  
 St-Denis, J.-F. see D. Malide (409) 461  
 Steenaart, N.A.E. and G.C. Shore, Mitochondrial cytochrome c oxidase subunit IV is phosphorylated by an endogenous kinase (415) 294  
 Steere, J. see A.P. Goldstone (415) 134  
 Stehlin, C., A. Dahm and K. Kirschner, Deletion mutagenesis as a test of evolutionary relatedness of indoleglycerol phosphate synthase with other TIM barrel enzymes (403) 268  
 Stein, A., S. Hunke and E. Schneider, Mutational analysis eliminates Glu<sup>64</sup> and Glu<sup>91</sup> as candidates for 'catalytic carboxylate' in the bacterial ATP-binding-cassette protein MalK (413) 211  
 Stein, M. see J.-P. Jacquot (400) 293  
 Steinberg, R. see E. Devic (417) 184  
 Steiner, D.F. see J. LaMendola (404) 19  
 Steinfelder, H.J. see C. von Zezschwitz (413) 147  
 Steinmetz, A. see E. Malle (419) 215  
 Stempfer, G. see H. Husi (414) 532  
 Sten-Linder, M. see A.-C. Bergman (417) 17  
 Stennard, F.A. see A.F. Holloway (404) 41  
 Stepanov, V.M. see I.B. Leshchinskaya (404) 241  
 Stepanov, V.M. see A.B. Shevelev (404) 148  
 Stepanova, V., A. Bobik, R. Bibilashvily, A. Belogurov, I. Rybalkin, S. Domogatsky, P.J. Little, E. Goncharova and V. Tkachuk, Urokinase plasminogen activator induces smooth muscle cell migration: key role of growth factor-like domain (414) 471  
 Stepenko, A.G., N.N. Luchina and O.L. Polanovsky, Conservative Val<sup>17</sup> residue of POU homeodomain: role in DNA recognition (412) 5  
 Stephens, D.B. and M.J. Androlewicz, Reconstitution of peptide-binding activity by TAP in proteoliposomes (416) 353  
 Stephens, D.J. and G. Banting, Insulin dependent tyrosine phosphorylation of the tyrosine internalisation motif of TGN38 creates a specific SH2 domain binding site (416) 27  
 Sterchi, E.E. see M. Wüthrich (405) 321  
 Østerlund, T., J.A. Contreras and C. Holm, Identification of essential aspartic acid and histidine residues of hormone-sensitive lipase: apparent residues of the catalytic triad (403) 259  
 Stern, D. see R. Rossmann (406) 249  
 Stern, R. see T.B. Csóka (417) 307  
 Stevens, D.A. see R. Newton (418) 135  
 Stewart, B. see P. Cutler (412) 341  
 Stiege, W. see U. Fuchs (414) 362  
 Stieger, B. see J. Madon (406) 75  
 Stiekema, W.J. see A. Schouten (415) 235  
 Stimpel, M. see C. Grohé (416) 107  
 Stirpe, F. see M.G. Battelli (408) 355  
 Stocchetto, S., O. Marin, G. Carignani and L.A. Pinna, Biochemical evidence that *Saccharomyces cerevisiae* YGR262c gene, required for normal growth, encodes a novel Ser/Thr-specific protein kinase (414) 171  
 Stocker, R. see L.J. Hazell (414) 541  
 Stoineva, I.B. see T. Noronkoski (412) 149  
 Stokai, V. see T. Bevec (401) 259  
 Stokes, C.M. see G.I. Welsh (410) 418  
 Stokrová, J. see J. Korb (414) 393  
 Stoller, G. see T. Tradler (407) 184  
 Stollerman, E.S. see P.E. Di Cesare (412) 249  
 Stone, S.R. see M.T. Fox (417) 267  
 Storm, G. see B.A. 't Hart (409) 91  
 Stoven, V. see J.-P. Annereau (407) 303  
 Stoyanov, S.S., A.T. Bakalova, S.I. Dimov, A.V. Mitkova and L.B. Dolapchiev, Single-strand-specific DNase activity is an inherent property of the 140-kDa protein of the snake venom exonuclease (409) 151  
 Strader, C.D. see S. Wang (411) 225  
 Straface, E. see D. Monti (409) 365  
 Strath, M. see B. Clough (406) 123  
 Straub, A. see S. Müller (401) 25  
 Strauss, H.C. see S. Wang (417) 43  
 Strecker, G. see P.A. Trinel (416) 203  
 Stricker, R., E. Hülser, J. Fischer, Th. Jarchau, U. Walter, F. Lottspeich and G. Reiser, cDNA cloning of porcine p42<sup>231</sup>, a membrane-associated and cytosolic 42 kDa inositol(1,3,4,5)tetrakisphosphate receptor from pig brain with similarly high affinity for phosphatidylinositol (3,4,5)P<sub>3</sub> (405) 229  
 Strøbæk, D. see P.K. Ahring (415) 67  
 Strobl, S., F.-X. Gomis-Rüth, K. Maskos, G. Frank, R. Huber and R. Glockshuber, The  $\alpha$ -amylase from the yellow meal worm: complete primary structure, crystallization and preliminary X-ray analysis (409) 109  
 Strocchi, P., Erratum to: Response to the comment on 'Molecular diagnosis of transthyretin Met<sup>30</sup> mutation in an Italian family with familial amyloidotic polyneuropathy' (G. Di Iorio, G. Sanges, S. Sampaolo, V. Bonavita) – Reply to Commentary (FEBS 17768) [FEBS Letters 397 (1996) 358] (400) 257  
 Strom, R. see M. Lucarelli (401) 53  
 Stroppiana, P. see A. Cantisani (412) 515  
 Strosberg, A. see S. Conway (407) 121  
 Strupat, K. see M. Mittag (411) 245  
 Strzelecka, A., K. Kwiatkowska and A. Sobota, Tyrosine phosphorylation and Fc $\gamma$  receptor-mediated phagocytosis (400) 11  
 Stuart, R.A. see I. Arnold (411) 195  
 Stuart, R.A. see K. Hell (418) 367  
 Stucki, J.W. see T.M. Visarius (412) 157  
 Stümpel, F. and K. Jungermann, Sensing by intrahepatic muscarinic nerves of a portal-arterial glucose concentration gradient as a signal for insulin-dependent glucose uptake in the perfused rat liver (406) 119

- Stümpel, F., B. Scholtka and K. Jungermann, A new role for enteric glucagon-37: acute stimulation of glucose absorption in rat small intestine (410) 515
- Sturgill, T.W. see A.B. Sprenkle (403) 254
- Sturla, L., A. Bisso, D. Zanardi, U. Benatti, A. De Flora and M. Tonetti, Expression, purification and characterization of GDP-D-mannose 4,6-dehydratase from *Escherichia coli* (412) 126
- Stürzebecher, J., E. Kopetzki, W. Bode and K.-P. Hopfner, Dramatic enhancement of the catalytic activity of coagulation factor IXa by alcohols (412) 295
- Stuurman, N., Identification of a conserved phosphorylation site modulating nuclear lamin polymerization (401) 171
- Subbalakshmi, C. see N. Sitaram (400) 289
- Subbarao Shaila, M. see S. Sengupta (416) 51
- Subirana, J.A., A crystallographic approach to DNA bending: prediction of nucleosome formation by DNA triple repeats and other repetitive sequences (417) 352
- Suck, D. see C. Romier (416) 93
- Suda, T. see I. Nakamura (401) 207
- Sudharshan, E. and A.G. Appu Rao, Rapid method to separate the domains of soybean lipoxygenase-1: identification of the interdomain interactions (406) 184
- Suen, C.K.M. see M. Rafiq (407) 132
- Suessbrich, H., R. Schönherr, S.H. Heinemann, F. Lang and A.E. Busch, Specific block of cloned *Herg* channels by clofilium and its tertiary analog LY97241 (414) 435
- Sueta, H. see Y. Nakamura (419) 45
- Suga, H., K. Kuma, N. Iwabe, N. Nikoh, K. Ono, M. Koyanagi, D. Hoshiyama and T. Miyata, Intermittent divergence of the protein tyrosine kinase family during animal evolution (412) 540
- Sugano, K. see Y. Fukushima (409) 283
- Sugawa, H. see S. Kosugi (406) 139
- Sugawara, A. see K. Mori (417) 371
- Sugawara, N., T. Tomita and Y. Kamio, Assembly of *Staphylococcus aureus*  $\gamma$ -hemolysin into a pore-forming ring-shaped complex on the surface of human erythrocytes (410) 333
- Sugawara, T. see A. Fujishima (407) 47
- Sugden, M.C. see D.A. Priestman (419) 55
- Sugden, P.H. see A. Clerk (403) 23
- Sugherini, L. see M. Ferrali (416) 123
- Sugimoto, E. see T. Fukuwatari (414) 461
- Sugimoto, T. see M. Nasu (409) 63
- Sugimoto, Y. see H. Oida (417) 53
- Sugioka, S. see K. Fujimori (413) 226
- Sugita, M. see T. Watanabe (416) 302
- Sugiura, M. see T. Watanabe (416) 302
- Sugiyama, H. see Y. Murata (409) 41
- Sugiyama, M. see E. Kinoshita (407) 343
- Suh, C.K. see J.H. Shin (415) 299
- Sullivan, K.A. see A.D. Howard (405) 285
- Šulová, A. see J. Korb (414) 393
- Sumati see K. Hajela (406) 255
- Sumegi, J. see V.I. Kashuba (419) 181
- Sumi, M. see K. Shimono (420) 54
- Sumikawa, H., K. Fukuhara, E. Suzuki, Y. Matsuo and K. Nishikawa, Tertiary structural models for human interleukin-6 and evaluation by a sequence-structure compatibility method and NMR experimental information (404) 234
- Sumikawa, H., K. Fukuhara, E. Suzuki, Y. Matsuo and K. Nishikawa, Corrigendum to: Tertiary structural models for human interleukin-6 and evaluation by a sequence-structure compatibility method and NMR experimental information [*FEBS Letters* 404 (1997) 234-240] (411) 395
- Sumizono, T. see M. Nishiguchi (403) 294
- Summers, S.A. see S. Wandel (413) 495
- Sumner, M.T. and S.B. Shears, HIV-1 envelope protein, gp120, has no effects on inositol phosphate production and metabolism in the Jurkat T-cell line either in the presence or absence of receptor stimulation (413) 75
- Sun, J. see N. Kawashima (418) 301
- Sun, M. and S. Paul, Altered cleavage site preference of a proteolytic antibody light chain induced by denaturation (407) 289
- Sun, Y., Induction of glutathione synthetase by 1,10-phenanthroline (408) 16
- Sundari, C. see L. Rajagopal (415) 125
- Suphioglu, C., F. Ferreira and R. Knox, Molecular cloning and immunological characterisation of Cyn d 7, a novel calcium-binding allergen from Bermuda grass pollen (402) 167
- Surdin-Kerjan, Y. see J. Hansen (401) 20
- Surewicz, W.K. see L.-P. Choo-Smith (402) 95
- Surin, A.K., N.V. Kotova, I.A. Kashparov, V.V. Marchenkov, S.Yu. Marchenkova and G.V. Semisotnov, Ligands regulate GroEL thermostability (405) 260
- Surolia, A., C.P. Swaminathan, R. Ramkumar and S.K. Podder, Unusual structural stability and ligand induced alterations in oligomerization of a galectin (409) 417
- Surprenant, A. see U. Brändle (404) 294
- Suryanarayana, T. see C.S.V. Rajendrakumar (410) 201
- Susin, S.A. see S. Hortelano (410) 373
- Susini, C. see A.-M. Valencia (406) 42
- Suske, G. see B. Simon (411) 383
- Sussenbach, J.S. see A.Y. Palamarchuk (416) 344
- Sutherland, G.R. see D. Stapleton (409) 452
- Suvorov, L.I. see S.V. Gulnik (413) 379
- Suzano, V.A. see L. de Meis (406) 201
- Suzuki, A. see J.-P. Jacquot (400) 293
- Suzuki, E. see T. Mizukoshi (413) 409
- Suzuki, E. see H. Sumikawa (404) 234
- Suzuki, E. see H. Sumikawa (411) 395
- Suzuki, F. see Y. Mori (406) 310
- Suzuki, H. see K. Bomsztyk (403) 113
- Suzuki, H. see A. Vartanian (415) 160
- Suzuki, K. see S. Nishida (416) 69
- Suzuki, K. see K. Yamamoto (414) 182
- Suzuki, S. see K. Ikuta (414) 338
- Suzuki, S. see N. Takaya (414) 545
- Suzuki, T. see Z. Ding (418) 310
- Suzuki, T., G. Horiike, Y. Yamazaki, K. Kawabe, H. Masuda, D. Miyamoto, M. Matsuda, S.-I. Nishimura, T. Yamagata, T. Ito, H. Kida, Y. Kawaoka and Y. Suzuki, Swine influenza virus strains recognize sialylsugar chains containing the molecular species of sialic acid predominantly present in the swine tracheal epithelium (404) 192
- Suzuki, Y. see Z. Ding (418) 310
- Suzuki, Y. see S. Imai (411) 102
- Suzuki, Y. see Y. Okamura-Oho (419) 231
- Suzuki, Y. see T. Suzuki (404) 192
- Suzuki, Y., T. Shimizu, H. Morii and M. Tanokura, Hydrolysis of AMPPNP by the motor domain of ncd, a kinesin-related protein (409) 29
- Švedas, V., D. Guranda, L. van Langen, F. van Rantwijk and R. Sheldon, Kinetic study of penicillin acylase from *Alcaligenes faecalis* (417) 414
- Svendsen, I. see C. Olesen (412) 138
- Svenson, M. see M. Diamant (412) 379
- Swaminathan, C.P. see A. Surolia (409) 417
- Swart, G.W.M. see J.J.M. van Groningen (404) 82
- Swarup, G. see V. Radha (409) 33
- Sweeney, E.A. see T. Shirahama (407) 97
- Sweet, M. see S. Uddin (403) 31
- Swez, J.A. see G. Nindl (414) 501
- Swierczko, A.S. see A. Ziolkowski (411) 221
- Swiezewska, E. see I. Parmryd (414) 527
- Sy, D. see P. Sodano (416) 130
- Sychrová, H. see A. Matijeková (408) 89
- Symmons, M.F., S.G.S.C. Buchanan, D.T. Clarke, G. Jones and N.J. Gay, X-ray diffraction and far-UV CD studies of filaments formed by a leucine-rich repeat peptide: structural similarity to the amyloid fibrils of prions and Alzheimer's disease  $\beta$ -protein (412) 397
- Syper, D. see H. Krotkiewski (406) 296
- Syvänen, A.-C. see T. Paunio (406) 49
- Szabó, C., M. O'Connor and A.L. Salzman, Endogenously produced peroxynitrite induces the oxidation of mitochondrial and nuclear proteins in immunostimulated macrophages (409) 147
- Szardenings, M. see H.B. Schiöth (409) 223
- Szewczyk, A. see P. Makowski (409) 292
- Szilvay, A.M. see T.H. Jensen (414) 50
- Szondy, Z., P. Molnar, Z. Nemes, M. Boyiadzis, N. Kedei, R. Tóth and L. Fésüs, Differential expression of tissue transglutaminase during in vivo apoptosis of thymocytes induced via distinct signalling pathways (404) 307
- Szweda, L.I. see B. Friguet (405) 21

# T

- Tabatabaie, T., Y. Kotake, G. Wallis, J.M. Jacob and R.A. Floyd, Spin trapping agent phenyl *N*-tert-butyl nitron protects against the onset of drug-induced insulin-dependent diabetes mellitus (407) 148
- Tabaton, M. see C. Russo (409) 411
- Tacke, E. see M. Sokolova (400) 201
- Tada, K. see M. Murakami (413) 249
- Tada, Y. see H. Ito (402) 12
- Taga, T. see I.-S. Lee (401) 133
- Taga, T. see K. Nakashima (401) 49
- Taga, T. see K. Nakashima (403) 79
- Tagaki, M. see K. Kohda (407) 280
- Tagawa, T. see K. Maruyama (413) 177
- Tagaya, M. see T. Takuma (404) 34
- Taguchi, Y., A. Yoshida, Y. Takada, T. Komano and K. Ueda, Anti-cancer drugs and glutathione stimulate vanadate-induced trapping of nucleotide in multidrug resistance-associated protein (MRP) (401) 11
- Taguchi, Y., M. Morishima, T. Komano and K. Ueda, Amino acid substitutions in the first transmembrane domain (TM1) of P-glycoprotein that alter substrate specificity (413) 142
- Tajima, S. see A. Kawada (408) 43
- Tajmir-Riahi, H.A. see A. Bograh (402) 41
- Takabatake, T., M. Ogawa, T.C. Takahashi, M. Mizuno, M. Okamoto and K. Takeshima, *Hedgehog* and *patched* gene expression in adult ocular tissues (410) 485
- Takada, Y. see Y. Taguchi (401) 11
- Takagaki, K. see K. Tanaka (402) 223
- Takagi, J. see J. Tsuchida (416) 212
- Takahara, H. see A. Kawada (408) 43
- Takahashi, H. see K. Tanaka (413) 309
- Takahashi, H.E. see N. Kinto (404) 319
- Takahashi, K. see W. Masuda (405) 104
- Takahashi, K., M. Isobe and S. Muto, An increase in cytosolic calcium ion concentration precedes hypoosmotic shock-induced activation of protein kinases in tobacco suspension culture cells (401) 202
- Takahashi, K., M. Ohashi, T. Noguti and M. Gō, Mechanical stability of compact modules of barnase (405) 47
- Takahashi, M. see T. Ichimura (413) 273
- Takahashi, M. see H. Kondo (413) 236
- Takahashi, M. see K. Sato (414) 480
- Takahashi, M., K. Ogura, S. Maeda, K. Mori, K. Mafune, Y. Mikami, A. Terano and M. Omata, Promoters of epithelialization induce expression of vascular endothelial growth factor in human gastric epithelial cells in primary culture (418) 115
- Takahashi, N. see K. Maruyama (413) 177
- Takahashi, N. see I. Nakamura (401) 207
- Takahashi, S. see Y. Miura (419) 99
- Takahashi, T.C. see T. Takabatake (410) 485
- Takahashi, Y. see R. Nomura (415) 139
- Takai, S. see N. Shiota (406) 301
- Takai, S., N. Shiota, S. Kobayashi, E. Matsumura and M. Miyazaki, Induction of chymase that forms angiotensin II in the monkey atherosclerotic aorta (412) 86
- Takaku, F. see M. Shimura (417) 379
- Takamiya, K. see N. Kawashima (418) 301
- Takashima, A. see I.N. Singh (405) 65
- Takato, T. see H. Hikiji (410) 238
- Takaya, N., S. Suzuki, M. Matsuo and H. Shoun, Purification and characterization of a flavohemoglobin from the denitrifying fungus *Fusarium oxysporum* (414) 545
- Takayama, E. see A. Satoh (405) 107
- Takayama, Y., S. Nada, K. Nagai and M. Okada, Role of Csk in neural differentiation of the embryonic carcinoma cell line P19 (406) 11
- Takayanagi, R. see W. Liu (420) 103
- Takayasu, R., K. Hasumi, C. Shinohara and A. Endo, Enhancement of fibrin binding and activation of plasminogen by staplabin through induction of a conformational change in plasminogen (418) 58
- Takeda, H. see K. Ozaki (410) 297
- Takeda, M. see O. Tanabe (408) 52
- Takeda, S. see Y. Miyagoe (415) 33
- Takeda, T. see T. Ramamurthy (413) 174
- Takei, K. see C. Haffner (419) 175
- Takei, R. see H. Okada (414) 603
- Takei, R. see H. Okada (417) 61
- Takei, Y. see T. Niwa (407) 297
- Takei, Y., A. Fukuzawa, Y. Itahara, T.X. Watanabe, K. Yoshizawa, Kumagaye, K. Nakajima, A. Yasuda, M.P. Smith, D.W. Duff and K.R. Olson, A new natriuretic peptide isolated from cardiac atria of trout, *Oncorhynchus mykiss* (414) 377
- Takemoto, M. see T. Shirahama (407) 97
- Takemoto, S. see Y. Kamikubo (407) 116
- Takemura, M. see Y. Yokoyama (412) 153
- Takemura, Y. see H. Konishi (410) 493
- Takenaka, S. see W. Masuda (405) 104
- Takeshima, K. see T. Takabatake (410) 485
- Taketani, S. see H. Sato (405) 219
- Takeuchi, T. see H. Hoshino (419) 9
- Takeuchi, T. see Y. Sawada (400) 177
- Takeuchi, T., K. Miyahara, D. Hirata and T. Miyakawa, Mutational analysis of Yap1 protein, an AP-1-like transcriptional activator of *Saccharomyces cerevisiae* (416) 339
- Takeyasu, K. see J. Zhao (408) 271
- Taki, T., D. Ishikawa, H. Hamasaki and S. Handa, Preparation of peptides which mimic glycosphingolipids by using phage peptide library and their modulation on  $\beta$ -galactosidase activity (418) 219
- Takii, T. see S. Ohya (401) 252
- Takino, T. see M. Tanaka (402) 219
- Takizawa, K. see K. Kinoshita (403) 112
- Takos, A.M., I.B. Dry and K.L. Soole, Detection of glycosyl-phosphatidylinositol-anchored proteins on the surface of *Nicotiana tabacum* protoplasts (405) 1
- Takuma, T., M. Tagaya and T. Ichida, Evidence for the putative docking/fusion complex of exocytosis in parotid acinar cells (404) 34
- Takumi, T. see L. Tsuji (416) 30
- Taleb, O. see M. Maammar (414) 99
- Tamai, I. see J. Komura (400) 131
- Tamai, I., H. Yabuuchi, J. Nezu, Y. Sai, A. Oku, M. Shimane and A. Tsuji, Cloning and characterization of a novel human pH-dependent organic cation transporter, OCTN1 (419) 107
- Tamaki, T. see S. Minami (411) 1
- Tamaki, T. see M. Yoshizumi (419) 255
- Tamogami, S., R. Rakwal and O. Kodama, Phytoalexin production by amino acid conjugates of jasmonic acid through induction of naringenin-7-O-methyltransferase, a key enzyme on phytoalexin biosynthesis in rice (*Oryza sativa* L.) (401) 239
- Tamogami, S., R. Rakwal and O. Kodama, Phytoalexin production elicited by exogenously applied jasmonic acid in rice leaves (*Oryza sativa* L.) is under the control of cytokinins and ascorbic acid (412) 61
- Tampé, R. see S. Uebel (416) 359
- Tams, J.W. see S.M. Knudsen (412) 141
- Tamura, N. see K. Mori (401) 218
- Tamura, N. see K. Mori (417) 371
- Tamura, S. see Y.P. Ching (411) 265
- Tamura, T. see V. Pamnani (404) 263
- Tamura, T. see H. Yu (409) 161
- Tamura, T. see F. Zühl (400) 83
- Tan, C. see A.D. Howard (405) 285
- Tanabe, K., K. Nagata, K. Ohashi, T. Nakano, H. Arita and K. Mizuno, Roles of  $\gamma$ -carboxylation and a sex hormone-binding globulin-like domain in receptor-binding and in biological activities of Gas6 (408) 306
- Tanabe, O., G.A. Gomez, Y. Nishito, H. Usui and M. Takeda, Molecular heterogeneity of the cDNA encoding a 74-kDa regulatory subunit ( $B''$  or  $\delta$ ) of human protein phosphatase 2A (408) 52
- Tanabe, T. see S. Kuwamoto (409) 242
- Tanaka, A. see Y. Ito (415) 285
- Tanaka, A. see K. Nakayama (412) 547
- Tanaka, H. see R. Honda (420) 25
- Tanaka, H. see N. Itoh (412) 281
- Tanaka, H. see S. Yamagami (400) 329
- Tanaka, H., W. Putalun, C. Tsuzaki and Y. Shoyama, A simple determination of steroidal alkaloid glycosides by thin-layer chromatography immunostaining using monoclonal antibody against solamargine (404) 279

- Tanaka, I. see H. Ishihara (418) 205  
 Tanaka, I. see K. Mori (401) 218  
 Tanaka, I. see K. Mori (417) 371  
 Tanaka, I. see S.-Y. Park (412) 346  
 Tanaka, J. see T. Kaido (411) 378  
 Tanaka, K. see M. Okochi (418) 162  
 Tanaka, K. see A. Soza (413) 27  
 Tanaka, K., S. Tokumaru and S. Kojo, Possible involvement of radical reactions in desialylation of LDL (413) 202  
 Tanaka, K., T. Nakamura, K. Takagaki, M. Funahashi, Y. Saito and M. Endo, Regulation of hyaluronate metabolism by progesterone in cultured fibroblasts from the human uterine cervix (402) 223  
 Tanaka, K., Y. Tozawa, N. Mochizuki, K. Shinozaki, A. Nagatani, K. Wakasa and H. Takahashi, Characterization of three cDNA species encoding plastid RNA polymerase sigma factors in *Arabidopsis thaliana*: evidence for the sigma factor heterogeneity in higher plant plastids (413) 309  
 Tanaka, M. see K. Date (420) 1  
 Tanaka, M. see H. Konishi (410) 493  
 Tanaka, M. see S. Ohya (420) 47  
 Tanaka, M., H. Sato, T. Takino, K. Iwata, M. Inoue and M. Seiki, Isolation of a mouse MT2-MMP gene from a lung cDNA library and identification of its product (402) 219  
 Tanaka, N. see S. Akanuma (410) 141  
 Tanaka, S. see Y. Sawada (400) 177  
 Tanaka, S., K. Nemoto, E. Yamamura, S. Ohmura and A. Ichikawa, Degradation of the 74 kDa form of L-histidine decarboxylase via the ubiquitin-proteasome pathway in a rat basophilic/mast cell line (RBL-2H3) (417) 203  
 Tanaka, T. see M. Erhola (409) 287  
 Tanaka, T. see J. Leinonen (417) 150  
 Tanaka, T. see J. Matsuda (418) 200  
 Tanaka, T. see K. Yamamoto (414) 182  
 Tanaka, Y., T. Nomura and S. Ishii, Two regions in *c-myc* proto-oncogene product negatively regulating its DNA-binding activity (413) 162  
 Tancioni, F. see P. Gaetani (404) 303  
 Tang, J. see L. Hong (420) 11  
 Tani, T. see I. Onishi (420) 201  
 Taniguchi, G.T. see K.J. Leco (401) 213  
 Taniguchi, N. see S. Nishida (416) 69  
 Taniguchi, T. see Y. Nakamura (419) 45  
 Tanner, J.A. see R.J. Cox (405) 267  
 Tano, M. see H. Kishi (402) 198  
 Tano, Y. see Y. Saishin (414) 381  
 Tanokura, M. see Y. Suzuki (409) 29  
 Tanuma, S. see D. Shiokawa (413) 99  
 Taramelli, D. see N. Basilico (409) 297  
 Taraschi, T.F. see E. Nicolas (406) 162  
 Tarasenko, O.A. see A.V. Zelenin (414) 319  
 Tarkka, T., J. Oikarinen and T. Grundström, Nucleotide and calcium-induced conformational changes in histone H1 (406) 56  
 Tarozzi, A. see E. Mariani (406) 83  
 Tartara, F. see P. Gaetani (404) 303  
 Tashiro, K. see K. Mori (401) 218  
 Tashiro, K. see K. Mori (417) 371  
 Tashiro, M. see H. Okada (414) 603  
 Tashiro, M. see H. Okada (417) 61  
 Tateishi, T. see Y.-K. Liu (420) 112  
 Temamatsu, M. see Y. Hayashi (406) 147  
 Tememichi, N. see T. Niwa (407) 297  
 Tatnell, P.J., W.E. Lees and J. Kay, Cloning, expression and characterisation of murine procathepsin E (408) 62  
 Tatsumi, K. see Y. Iimura (412) 370  
 Tatzber, F. see W. Wonisch (405) 11  
 Tavares, G. see E. Osinaga (412) 190  
 Tavernier, P. see J.-C. Portais (412) 485  
 Taya, C. see M. Shimmoto (417) 89  
 Taylor, P. see H. Husi (414) 532  
 Taylor, P.M. see S.Y. Low (417) 101  
 Tazaki, K. see M. Nishiguchi (403) 294  
 Tchurikov, N.A. see N.A. Ponomarenko (413) 7  
 Tedesco, I. see F. Salamino (412) 433  
 Teixeira, M. see A.-K. Bock (414) 209  
 TeKoppele, J.M. see B. Beekman (418) 305  
 Tekwani, B.L. see A.V. Pandey (402) 236  
 Teleman, A. see M.-L. Mattinen (407) 291  
 Tell, G. see L. Pellizzari (407) 320  
 Teller, J.K. see C. Russo (409) 411  
 Téllez-Sanz, R., V. Bernier-Villamor, L. García-Fuentes, D. González-Pacanosowska and C. Barón, Thermodynamic characterization of the binding of dCMP to the Asn229Asp mutant of thymidylate synthase (409) 385  
 Tello, D. see E. Osinaga (412) 190  
 Temp, U. see C. Eggert (407) 89  
 Temussi, P.A. see A. Capasso (417) 141  
 ten Hagen-Jongman, C.M. see E. de Leeuw (416) 225  
 Tenkanen, M. see P. Biely (420) 121  
 Tennagels, N. see H. Al-Hasani (400) 65  
 Terada, H. see T. Daikoku (410) 383  
 Terada, H. see N. Yamazaki (409) 401  
 Terada, K., M. Kanazawa, M. Yano, B. Hanson, N. Hoogenraad and M. Mori, Participation of the import receptor Tom20 in protein import into mammalian mitochondria: analyses in vitro and in cultured cells (403) 309  
 Terai, T. see T. Furukawa (403) 111  
 Terano, A. see M. Takahashi (418) 115  
 Terao, T. see K. Imada (417) 337  
 Terasaki, T. see J. Komura (400) 131  
 Terashima, M., N. Hara, M. Badruzzaman, M. Shimoyama and M. Tsuchiya, ADP-ribosylation of tuftsin suppresses its receptor-binding capacity and phagocytosis-stimulating activity to murine peritoneal macrophages (412) 227  
 Terazono, H. see M. Masuda (408) 221  
 Tereshchenko, A.F. see E.K. Zolotareva (412) 375  
 Tergau, F. see C. von Zezschwitz (413) 147  
 Terpetschnig, E. see T. den Blaauwen (416) 35  
 Terry, N., P. Neyt, R. De Clercq, A. De Keyser, H. Van Den Daele, W. Ardiles, P. Déhais, P. Rouzé, J. Gielen, R. Villarroel and M. Van Montagu, Sequence analysis of a 24-kb contiguous genomic region at the *Arabidopsis thaliana* *PFL* locus on chromosome 1 (416) 156  
 Testa, J.R. see T.P. Bonnert (402) 81  
 Testolin, L. see G. Gotte (415) 308  
 Tettamanti, G. see A. Prinetti (414) 475  
 Tettamanti, G. see P. Viani (408) 131  
 Texier, O. see C. Manach (409) 12  
 Thai, C. see J.S. Kenny (414) 343  
 Thai, T.-P., H. Heid, H.-R. Rackwitz, A. Hunziker, K. Gorgas and W.W. Just, Ether lipid biosynthesis: isolation and molecular characterization of human dihydroxyacetonephosphate acyltransferase (420) 205  
 Thakker, G.D. see A.R. Amin (410) 259  
 Thamm, I. see P. Ledent (413) 194  
 Thanos, D. see C.R. Escalante (414) 219  
 Thant, A.A., M. Serbulea, F. Kikkawa, E. Liu, Y. Tomoda and M. Hamaguchi, c-Ras is required for the activation of the matrix metalloproteinases by concanavalin A in 3Y1 cells (406) 28  
 't Hart, B.A., D.G. Elferink, J.W. Drijfhout, G. Storm, L. van Blooij, R.E. Bontrop and R.R.P. de Vries, Liposome-mediated peptide loading of MHC-DR molecules in vivo (409) 91  
 Thelin, S. see E. Rosengren (417) 85  
 Theofilopoulos, A.N. see K. Norris (415) 243  
 Thevelein, J.M. see V. Wanke (402) 251  
 Thevelein, J.M. see S. Wera (420) 147  
 Thévenod, F. see M. Braun (411) 255  
 Thibault, V., C.D. Richards, F. Botelho and J. Gaudie, Antibodies to rat soluble IL-6 receptor stimulate B9 hybridoma cell proliferation (408) 182  
 Thiele, J.J., M.G. Traber, M. Podda, K. Tsang, C.E. Cross and L. Packer, Ozone depletes tocopherols and tocotrienols topically applied to murine skin (401) 167  
 Thiess, M. see R. Rothen (403) 15  
 Thim, L. see N.A. Wright (408) 121  
 Thiry, M. see A. El Ouahabi (414) 187  
 Thøgersen, H.C. see B.B. Nielsen (412) 388  
 Thomas, G. see N. Pullen (410) 78  
 Thome, M. see P. Schneider (416) 329  
 Thompson, E.W. see M. Yu (412) 568  
 Thomsen, K.K. see C. Olesen (412) 138  
 Thomson, A.J. see P.A. Jordan (416) 349  
 Thomson, J. see J.M.P. Desterro (417) 297  
 Thomson, T. see A.F. Quincoces (416) 317  
 Thöny-Meyer, L. see M. Throne-Holst (410) 351  
 Thöny-Meyer, L. see R. Zufferey (412) 75  
 Thorburn, D.R. see I.G. Macreadie (410) 145

- Thorens, B. see R. Roduit (415) 179
- Thornell, L.-E. see M. Monemi (403) 110
- Throne-Holst, M., L. Thöny-Meyer and L. Hederstedt. *Escherichia coli ccm* in-frame deletion mutants can produce periplasmic cytochrome *b* but not cytochrome *c* (410) 351
- Ticali, P. see F. Marra (414) 221
- Tietz, C. see M.L. Genova (410) 467
- Timcheva, I.I., V.A. Maximova, T.G. Deligeorgiev, N.I. Gadjev, R.W. Sabnis and I.G. Ivanov. Fluorescence spectral characteristics of novel asymmetric monomethine cyanine dyes in nucleic acid solutions (405) 141
- Timmerman, H. see A.E. Alewijnse (419) 171
- Timmermann, A. see H.L. Schieferdecker (406) 305
- Timpe, L.C. see Y. Oda (414) 140
- Timpl, R. see R. Giltay (411) 164
- Timpl, R. see E. Kohfeldt (414) 557
- Timson, D.J. and I.P. Trayer. The rôle of the proline-rich region in A1-type myosin essential light chains: implications for information transmission in the actomyosin complex (400) 31
- Tirindelli, R. see E. Ferrari (401) 73
- Tisminevsky, S.G. see E. Buratti (411) 275
- Tiso, N. see G. Valle (415) 163
- Tkachuk, V. see V. Stepanova (414) 471
- To, W.-Y. and C.C. Wang. Identification and characterization of an activated 20S proteasome in *Trypanosoma brucei* (404) 253
- Tobi, D. see O. Wiser (404) 203
- Toh, S. see K. Koike (417) 390
- Tohyama, M. see Y. Saishin (414) 381
- Toide, K. see T. Sato (407) 329
- Tokaji, Z., A. Dér and L. Keszthelyi. N-like intermediate in the photocycle of the acid purple form of bacteriorhodopsin (405) 125
- Tokmakov, A.A. see K. Sato (410) 136
- Tokuda, H. see O. Kozawa (418) 149
- Tokumaru, S. see K. Tanaka (413) 202
- Tokumitsu, Y. see Y. Ohsaka (402) 246
- Tokunaga, F. see O. Hisatomi (411) 12
- Tokunaga, F. see A.K. Satoh (404) 65
- Tokunaga, F., H. Shirogami, K. Hara, D. Kozuki, S. Omura and T. Koide. Intracellular degradation of secretion defect-type mutants of antithrombin is inhibited by proteasomal inhibitors (412) 65
- Tokunaga, F., H. Shirogami, K. Hara, D. Kozuki, S. Omura and T. Koide. Erratum to: Intracellular degradation of secretion defect-type mutants of antithrombin is inhibited by proteasomal inhibitors (FEBS 18893) [*FEBS Letters* 412 (1997) 65-69] (415) 351
- Tokunaga, M. see A.H. Iwane (407) 235
- Tokura, S. see N. Doi (402) 177
- Tokuraku, K. see M. Katsuki (418) 35
- Tom, J.Y.K. see J.R. Schoenfeld (414) 263
- Toma, S., M. Nakamura, S. Toné, E. Okuno, R. Kido, J. Breton, N. Avanzi, L. Cozzi, C. Speciale, M. Mostardini, S. Gatti and L. Benatti. Cloning and recombinant expression of rat and human kynureninase (408) 5
- Tomashevski, A.Yu. see V.N. Uversky (410) 280
- Tomita, K. see S. Masuda (407) 127
- Tomita, T. see N. Sugawara (410) 333
- Tomiya, S. see K. Kikugawa (404) 175
- Tomkinson, B., M. Hansen and W.-F. Cheung. Structure-function studies of recombinant murine tripeptidyl-peptidase II: the extra domain which is subject to alternative splicing is involved in complex formation (405) 277
- Tommasini, R., E. Vogt, J. Schmid, M. Fromentau, N. Amrhein and E. Martinoia. Differential expression of genes coding for ABC transporters after treatment of *Arabidopsis thaliana* with xenobiotics (411) 206
- Tommassen, J. see E.F. Eppens (415) 317
- Tomochika, K., S. Shinoda, H. Kumon, M. Mori, Y. Moriyama and M. Futai. Vacuolar-type H<sup>+</sup>-ATPase in mouse bladder epithelium is responsible for urinary acidification (404) 61
- Tomoda, Y. see A.A. Thant (406) 28
- Tomono, M. see Z. Kiss (415) 71
- Tomura, T.T. see S. Nishida (416) 69
- Toné, S. see S. Toma (408) 5
- Tone, Y. see S. Kuwamoto (409) 242
- Tonetti, M. see L. Sturla (412) 126
- Tonevitsky, A.G. see I.I. Agapov (402) 91
- Tong, K.I. see J.-R. Alattia (417) 405
- Ton-That, H., K.H. Kaestner, J.M. Shields, C.S. Mahatanakoon and V.W. Yang. Expression of the gut-enriched Krüppel-like factor gene during development and intestinal tumorigenesis (419) 239
- Töpfer-Petersen, E. see J.J. Calvete (407) 201
- Töpfer-Petersen, E. see L. Magdaleno (420) 179
- Toppo, S. see G. Valle (415) 163
- Tordera, V. see A.B. Ruiz-Garcia (403) 186
- Toro, M.J. see A. Chiloeches (401) 68
- Torquato, R. see B. Gerhartz (412) 551
- Torrejón, M., V. Echeverría, G. Retamales, L. Herrera, M.V. Hinrichs and J. Olate. Molecular cloning and expression of an adenylyl cyclase from *Xenopus laevis* oocytes (404) 91
- Torres, J. see C.E. Cooper (414) 281
- Torresani, J. see J.-P. Grillasca (401) 38
- Tortora, P. see V. Wanke (402) 251
- Tory, K. see V.I. Kashuba (419) 181
- Tóth, R. see Z. Szondy (404) 307
- Touati, D. see I. Michaud-Soret (413) 473
- Touhara, K., Binding of multiple ligands to pleckstrin homology domain regulates membrane translocation and enzyme activity of  $\beta$ -adrenergic receptor kinase (417) 243
- Toukach, F.V. see A. Ziolkowski (411) 221
- Townson, J.K. see M. Skipsey (409) 370
- Toya, Y. see T. Ebina (401) 223
- Toya, Y. see T. Ebina (411) 393
- Toyoda, Y. see T. Murata (406) 109
- Toyoda, Y., S. Yoshie, T. Fujita, Y. Ito, T. Nonogaki and I. Miwa. Glucokinase is located in secretory granules of pancreatic D-cells (415) 281
- Toyokuni, S. see M. Erhola (409) 287
- Toyokuni, S. see J. Leinonen (417) 150
- Toyo-oka, T. see H. Hikiji (410) 238
- Toyoshima, K. see T. Ishidate (409) 237
- Toyoshima, K. see Y. Murata (409) 41
- Tozawa, Y. see K. Tanaka (413) 309
- Traas, J. see H. Stals (418) 229
- Traber, M.G. see J.J. Thiele (401) 167
- Tradler, T., G. Stoller, K.P. Rücknagel, A. Schierhorn, J.-U. Rahfeld and G. Fischer. Comparative mutational analysis of peptidyl prolyl *cis/trans* isomerases: active sites of *Escherichia coli* trigger factor and human FKBP12 (407) 184
- Traiffort, E. see S. Corbel (404) 289
- Travis, G.H. see S.M. Azarian (409) 247
- Travis, S.M. and M.J. Welsh. PP2C $\gamma$ : a human protein phosphatase with a unique acidic domain (412) 415
- Travkin, V.M., A.P. Jadan, F. Briganti, A. Scozzafava and L.A. Golovleva. Characterization of an intradiol dioxygenase involved in the biodegradation of the chlorophenoxy herbicides 2,4-D and 2,4,5-T (407) 69
- Trayer, I.P. see D.J. Timson (400) 31
- Trayhurn, P. see J.G. Mercer (402) 185
- Trebst, A. and B. Depka. Role of carotene in the rapid turnover and assembly of photosystem II in *Chlamydomonas reinhardtii* (400) 359
- Trendelenburg, G. see U. Bruer (414) 117
- Trent, J.O. see C.M. Nunn (416) 86
- Treptau, T. see R. Kissmehl (402) 227
- Treptau, T. see R. Kissmehl (406) 220
- Trethowan, J. see P. Wojtaszek (405) 95
- Trevisan, S. see G. Valle (415) 163
- Trimble, W.S. see H.Y. Gaisano (414) 298
- Trinel, P.A., G. Lepage, T. Jouault, G. Strecker and D. Poulain. Definitive chemical evidence for the constitutive ability of *Candida albicans* serotype A strains to synthesize  $\beta$ -1,2 linked oligomannosides containing up to 14 mannose residues (416) 203
- Trinkle-Mulcahy, L. see J.-P. Kreivi (420) 57
- Tripathi, P. see D.M. Brennan (413) 70
- Tripathy, A. see L. Gao (412) 223
- Triqueneaux, G. see O. Boussadia (420) 20
- Triqueneaux, G. see S. Deschamps (412) 495
- Trivedi, V.D., B. Raman, Ch.M. Rao and T. Ramakrishna. Co-refolding denatured-reduced hen egg white lysozyme with acidic and basic proteins (418) 363
- Trochon, V., C. Mabilat-Pragnon, P. Bertrand, Y. Legrand, J. Soria, C. Soria, B. Delpech and H. Lu. Hyaluronectin blocks the stimulatory effect of hyaluronan-derived fragments on endothelial cells during angiogenesis in vitro (418) 6
- Trofimova, M.S. see A.V. Drabkin (405) 145
- Trost, P. see F. Sparla (414) 571

- Trueb, B. see D. Belluoccio (415) 212  
 Trueb, B. see G. Kostoulas (412) 453  
 Trumpower, B.L. see F.A. Dick (419) 1  
 Truong, H.-N., M. Caboche and F. Daniel-Vedele, Sequence and characterization of two *Arabidopsis thaliana* cDNAs isolated by functional complementation of a yeast *gln3 gdh1* mutant (410) 213  
 Trus, M. see O. Wiser (404) 203  
 Tsai, L.-C. see T.-C. Chang (415) 11  
 Tsang, K. see J.J. Thiele (401) 167  
 Tsang, S. see S. He (412) 506  
 Tsaui, M.-L., C.-C. Chou, Y.-H. Shih and H.-L. Wang, Cloning, expression and CNS distribution of Kv4.3, an A-type K<sup>+</sup> channel  $\alpha$  subunit (400) 215  
 Tsaui, M.-L., Y.-C. Wan, F.-P. Lai and H.-F. Cheng, Expression of B-type endothelin receptor gene during neural development (417) 208  
 Tschesche, H. see V. Knäuper (405) 60  
 Tschochne, H. and P. Milkereit, RNA polymerase I from *S. cerevisiae* depends on an additional factor to release terminated transcripts from the template (410) 461  
 Tschopp, J. see K. Becker (412) 102  
 Tschopp, J. see M. Irmeler (406) 189  
 Tschopp, J. see P. Schneider (416) 329  
 Tsim, K.W.K. see S. Pun (418) 275  
 Tsim, K.W.K. see J.F. Yang (403) 163  
 Tsoneva, I. see N.I. Hristova (415) 81  
 Tsubaki, M., H. Hori and T. Mogi, Glutamate-286 mutants of cytochrome *bo*-type ubiquinol oxidase from *Escherichia coli*: influence of mutations on the binuclear center structure revealed by FT-IR and EPR spectroscopies (416) 247  
 Tsuchida, J., S. Ueki, Y. Saito and J. Takagi, Classification of 'activation' antibodies against integrin  $\beta 1$  chain (416) 212  
 Tsuchida, N. see T. Akagi (406) 263  
 Tsuchimochi, H. see H. Ito (402) 12  
 Tsuchiya, K. see M. Yoshizumi (419) 255  
 Tsuchiya, M. see M. Terashima (412) 227  
 Tsuchiya, T. see M. Yonaha (410) 477  
 Tsuda, S., A. Ito and N. Matsushima, A hairpin-loop conformation in tandem repeat sequence of the ice nucleation protein revealed by NMR spectroscopy (409) 227  
 Tsuji, A. see J. Komura (400) 131  
 Tsuji, A. see I. Tamai (419) 107  
 Tsuji, F.I. see Y. Ohmiya (404) 115  
 Tsuji, L., T. Takumi, N. Imamoto and Y. Yoneda, Identification of novel homologues of mouse importin  $\alpha$ , the  $\alpha$  subunit of the nuclear pore-targeting complex, and their tissue-specific expression (416) 30  
 Tsujishita, Y. see F. Hullin-Matsuda (419) 117  
 Tsunoda, A. see M. Nakamura (400) 350  
 Tsuruta, M. see T. Fukuwatari (414) 461  
 Tsuyama, S. see W. Masuda (405) 104  
 Tsuzaki, C. see H. Tanaka (404) 279  
 Tsuzuki, M. see H. Yaku (408) 337  
 Tucker, G.C. see G. Ferry (402) 111  
 Tuckwell, D.S. and M.J. Humphries, A structure prediction for the ligand-binding region of the integrin  $\beta$  subunit: evidence for the presence of a von Willebrand factor A domain (400) 297  
 Tuguz, A.R. see T.S. Golubeva (405) 312  
 Tumanyan, V.G. see I.N. Berezovsky (404) 140  
 Tumanyan, V.G. see I.N. Berezovsky (418) 43  
 Tümmler, B. see J.-P. Annereau (407) 303  
 Tung, H.Y.-L., H. De Rocquigny, L.-J. Zhao, X. Cayla, B.P. Roques and R. Ozon, Direct activation of proteinphosphatase-2A<sub>0</sub> by HIV-1 encoded protein complex NCp7:vpr (401) 197  
 Tunitskaya, V.L., E.E. Rusakova, N.Sh. Padyukova, B.S. Ermolinsky, A.A. Chernyi, S.N. Kochetkov, Yu.P. Lysov and S.N. Mikhailov, Substrate properties of C'-methyl UTP derivatives in T7 RNA polymerase reactions. Evidence for N-type NTP conformation (400) 263  
 Turano, C. see L. Cervoni (417) 227  
 Turk, V. see T. Bevec (401) 259  
 Turnay, J. see D. Arboledas (416) 217  
 Turpaev, K., R. Hartmann, L. Kisselev and J. Justesen, Ap<sub>3</sub>A and Ap<sub>1</sub>A are primers for oligoadenylate synthesis catalyzed by interferon-inducible 2-5A synthetase (408) 177  
 Turton, M.D. see A.P. Goldstone (415) 134  
 Tüscher, O., C. Lorra, B. Bouma, K.W.A. Wirtz and W.B. Huttner, Cooperativity of phosphatidylinositol transfer protein and phospholipase D in secretory vesicle formation from the TGN – phosphoinositides as a common denominator? (419) 271  
 Tusnády, G.E., É. Bakos, A. Váradi and B. Sarkadi, Membrane topology distinguishes a subfamily of the ATP-binding cassette (ABC) transporters (402) 1  
 Tyagi, S.K. see K. Ramani (404) 164  
 Tzagoloff, A. see D. Glerum (412) 410  
 Tzou, W.-S. and M.-J. Hwang, A model for Fis N-terminus and Fis-invertaserecognition (401) 1
- ## U
- Uchida, K. see M. Erhola (409) 287  
 Uchida, K., O.T. Khor, T. Oya, T. Osawa, Y. Yasuda and T. Miyata, Protein modification by a Maillard reaction intermediate methylglyoxal (410) 313  
 Uchimiya, H. see M. Umeda (403) 313  
 Uchiumi, T. see K. Koike (417) 390  
 Udagawa, N. see I. Nakamura (401) 207  
 Uddin, S., M. Sweet, O.R. Colamonic, J.J. Krolewski and L.C. Platanias, The *vav* proto-oncogene product (p95<sup>vav</sup>) interacts with the Tyk-2 protein tyrosine kinase (403) 31  
 Udo, H., M. Inouye and S. Inouye, Biochemical characterization of Pkn2, a protein Ser/Thr kinase from *Myxococcus xanthus*, a Gram-negative developmental bacterium (400) 188  
 Udvardy, A. see L. Haracska (412) 331  
 Uebel, S., T. Plantinga, P.J.A. Weber, A.G. Beck-Sickinger and R. Tampé, Peptide binding and photo-crosslinking to detergent solubilized and to reconstituted transporter associated with antigen processing (TAP) (416) 359  
 Ueda, K. see Y. Taguchi (401) 11  
 Ueda, K. see Y. Taguchi (413) 142  
 Ueda, M. see Y. Ito (415) 285  
 Ueda, R. see M. Mukaide (407) 51  
 Ueda, T. see A. Hosomi (409) 105  
 Uehara, T. see T. Nishiyama (408) 33  
 Ueki, J. see S. Ohta (403) 5  
 Ueki, S. see J. Tsuchida (416) 212  
 Uematsu, T. see O. Kozawa (418) 149  
 Uematsu, T. see T. Niwa (407) 297  
 Uemura, T. see Y.-K. Liu (420) 112  
 Ueno, A. see Md.R. Islam (415) 352  
 Ueno, Y., S. Hata and K. Izui, Regulatory phosphorylation of plant phosphoenolpyruvate carboxylase: role of a conserved basic residue upstream of the phosphorylation site (417) 57  
 Uguccioni, M. see U. Forssmann (408) 211  
 Ugur, M. see S. Petrou (411) 339  
 Uhlen, M. see M. Jansson (416) 259  
 Uhm, D.-Y. see J.H. Shin (415) 299  
 Uhr, M. see B. Moosmann (413) 467  
 Ukena, K. see H. Minakata (410) 437  
 Ulevitch, R.J. see J. Han (403) 19  
 Ullrich, A. see R. Lammers (404) 37  
 Ullrich, S. see S. Lehr (415) 1  
 Ullrich, T., S. Oberle, A. Abate and H. Schröder, Photoactivation of the nitric oxide donor SIN-1 (406) 66  
 Ulmer, M. see A.D. Kline (407) 239  
 Umeda, M., Y. Manabe and H. Uchimiya, Phosphorylation of the C2 subunit of the proteasome in rice (*Oryza sativa* L.) (403) 313  
 Umemoto, K. see R.H. Sarma (418) 76  
 Unge, J., S. Al-Karadaghi, A. Liljas, B.-H. Jonsson, I. Eliseikina, N. Ossina, N. Nevskaya, N. Fomenkova, M. Garber and S. Nikonov, A mutant form of the ribosomal protein L1 reveals conformational flexibility (411) 53  
 Urbanke, C. see G. Webster (415) 351  
 Urbanke, C. see J.J. Calvete (407) 201  
 Urbanke, C. see L. Magdaleno (420) 179  
 Urbanke, C. see G. Webster (411) 313  
 Urbanke, C. see G. Webster (416) 387  
 Urbanova, P. see H. Linnertz (419) 227

- Urisu, A. see S.-S. Park (400) 103  
 Urvil, P.T. see D. Vishnuvardhan (402) 209  
 Usami, M. see M. Okochi (418) 162  
 Usami, S. see S. Ohta (403) 5  
 Usera, F. see A. Chiloeches (401) 68  
 Usherwood, P.N.R. see H. Vais (413) 327  
 Ushida, T. see Y.-K. Liu (420) 112  
 Ushikubi, F. see H. Oida (417) 53  
 Ushiro, S., K. Mizoguchi, S. Yoshida, S. Jimi, T. Fujiwara, M. Yoshida, E.T. Wei, P. Kitabgi, S. Amagaya, M. Ono and M. Kuwano, Stimulation of cell-surface urokinase-type plasminogen activator activity and cell migration in vascular endothelial cells by a novel hexapeptide analogue of neurotensin (418) 341  
 Ushiyama, K. see Y. Yokoyama (412) 153  
 Usui, H. see O. Tanabe (408) 52  
 Utsumi, K. see M. Shimmoto (417) 89  
 Utsunomiya-Tate, N., H. Endou and Y. Kanai, Tissue specific variants of glutamate transporter GLT-1 (416) 312  
 Uversky, V.N. see Z.Kh. Abdullaev (414) 243  
 Uversky, V.N., N.V. Narizhneva, T.V. Ivanova, M.D. Kirkitadze and A.Yu. Tomashevski, Ligand-free form of human  $\alpha$ -fetoprotein: evidence for the molten globule state (410) 280
- V**
- Vaara, M. see I.M. Helander (409) 457  
 Vacus, J. see T. Boukhnikachvili (409) 188  
 Vaglenova, J. see A. Allali-Hassani (405) 26  
 Vaglenova, J. see A. Allali-Hassani (411) 395  
 Vaidyanathan, V.-V. see J. Lang (419) 13  
 Vais, H., M.S. Williamson, C.A. Hick, N. Eldursi, A.L. Devonshire and P.N.R. Usherwood, Functional analysis of a rat sodium channel carrying a mutation for insect knock-down resistance (*kdr*) to pyrethroids (413) 327  
 Valbonesi, P. see M.G. Battelli (408) 355  
 Valdivia, H.H. see F.Z. Zamudio (405) 385  
 Valencia, A.-M., J.L. Oliva, G. Bodega, A. Chiloeches, P. López-Ruiz, J.C. Prieto, C. Susini and B. Colás, Identification of a protein-tyrosine phosphatase (SHP1) different from that associated with acid phosphatase in rat prostate (406) 42  
 Valent, Q.A. see J.-W.L. De Gier (408) 1  
 Valenta, R. see T. Domke (411) 291  
 Valerio-Lepiniec, M., J.-D. Delcroix, M. Schiffer, D.K. Hanson and P. Sebban, A native electrostatic environment near  $Q_{13}$  is not sufficient to ensure rapid proton delivery in photosynthetic reaction centers (407) 159  
 Valladares, A. see A. Porras (416) 324  
 Valle, G., G. Faulkner, A. De Antoni, B. Pacchioni, A. Pallavicini, D. Pandolfo, N. Tiso, S. Toppo, S. Trevisan and G. Lanfranchi, Telethonin, a novel sarcomeric protein of heart and skeletal muscle (415) 163  
 Vallee, B. see L. Hjelmqvist (416) 99  
 Vallée, N., C. Brière, M. Petitprez, H. Barthou, A. Souvré and G. Alibert, Studies on ion channel antagonist-binding sites in sunflower protoplasts (411) 115  
 Valotaire, Y. see K.J. Armour (411) 145  
 Valpuesta, J.M. see O. Llorca (405) 195  
 Valpuesta, V. see M.I. Medina (407) 357  
 Vamvakas, S. see A. Simm (410) 481  
 Van Beumen, J. see P. Ledent (413) 194  
 Van Bergen en Henegouwen, P.M.P. see M.A.G. Van der Heyden (410) 265  
 van Berkel, W.J.H. see M.W. Fraaije (402) 33  
 van Bladeren, P.J. see R. Evers (419) 112  
 van Blooij, L. see B.A. 't Hart (409) 91  
 van Bostel, R. see E.F. Eppens (415) 317  
 Van Broeckhoven, C. see M. Okochi (418) 162  
 Van Crielinge, W. see M. Van de Craen (403) 61  
 Van Damme, E.J.M. see M.G. Battelli (408) 355  
 Van de Craen, M., P. Vandenabeele, W. Declercq, I. Van den Brande, G. Van Loo, F. Molemans, P. Schotte, W. Van Crielinge, R. Beyaert and W. Fiers, Characterization of seven murine caspase family members (403) 61  
 van Deemter, L. see R. Evers (419) 112  
 van den Berg, R.H. see N.J. Lynch (418) 111  
 Van den Brande, I. see M. Van de Craen (403) 61  
 van den Burg, B. see O.R. Veltman (405) 241  
 Van Den Daele, H. see N. Terryn (416) 156  
 van den Hooven, H.W. see J. Vervoort (404) 153  
 van der Drift, C. see J.L.A. Pennings (410) 235  
 v.d. Gaag, M.S. see P.C.H. Hollman (418) 152  
 van der Giezen, M., K.A. Sjollem, R.R.E. Artz, W. Alkema and R.A. Prins, Hydrogenosomes in the anaerobic fungus *Neocallimastix frontalis* have a double membrane but lack an associated organelle genome (408) 147  
 Van der Heyden, J. see S.A.B.W. Verploegen (405) 237  
 Van der Heyden, M.A.G., M. Nievers, A.J. Verkleij, J. Boonstra and P.M.P. Van Bergen en Henegouwen, Identification of an intracellular domain of the EGF receptor required for high-affinity binding of EGF (410) 265  
 van der Kaay, J. see D.A.E. Cross (406) 211  
 van der Klei, I.J. see F.A. Salomons (411) 133  
 van der Merwe, P. see A. Pierres (403) 239  
 Van Der Ploeg, L.H.T. see A.D. Howard (405) 285  
 van der Stelt, M., A.M. Paoletti, M. Maccarrone, W.F. Nieuwenhuizen, G. Bagetta, G.A. Veldink, A. Finazzi Agrò and J.F.G. Vliegthart, The effect of hydroxylation of linoleoyl amides on their cannabinomimetic properties (415) 313  
 van der Stelt, M., W.F. Nieuwenhuizen, G.A. Veldink and J.F.G. Vliegthart, Dioxygenation of *N*-linoleoyl amides by soybean lipoxygenase-1 (411) 287  
 van der Veen, C. see K.L.H. Carpenter (401) 262  
 van der Vusse, G.J. see H. Speijer (402) 193  
 Van DeWerken, R. see P. Briata (402) 131  
 van Dijk, T.B., E. Caldenhoven, J.A.M. Raaijmakers, J.-W.J. Lammers, L. Koenderman and R.P. de Groot, Multiple tyrosine residues in the intracellular domain of the common  $\beta$  subunit of the interleukin 5 receptor are involved in activation of STAT5 (412) 161  
 van Dijken, P. see P.J.M. van Haastert (410) 39  
 Van Dommelen, K. see K. Anciaux (400) 75  
 van Duin, J. see R.A. Poot (401) 175  
 van Dun, K. see N. Sprenger (400) 355  
 van Echten-Deckert, G. see C. Michel (416) 153  
 van El, B. see B. Beekman (418) 305  
 Van Eys, G.J.J.M. see X.H.T. Wehrens (405) 315  
 Van Gelder, P. see E.F. Eppens (415) 317  
 van Groningen, J.J.M., M.R. Egmond, H.P.J. Bloemers and G.W.M. Swart, *nmd*, a novel gene differentially expressed in human melanoma cell lines, encodes a new atypical member of the enzyme family of lipases (404) 82  
 van Haastert, P.J.M. and H. Kuwayama, cGMP as second messenger during *Dictyostelium* chemotaxis (410) 25  
 van Haastert, P.J.M. and P. van Dijken, Biochemistry and genetics of inositol phosphate metabolism in *Dictyostelium* (410) 39  
 van Herpen, A. see N.J. Stam (413) 489  
 van Klompenburg, W., A.N.J.A. Ridder, A.L.J. van Raalte, A.J. Killian, G. von Heijne and B. de Kruijff, In vitro membrane integration of leader peptidase depends on the Sec machinery and anionic phospholipids and can occur post-translationally (413) 109  
 van Koningsveld, G.A. see E. Bokma (411) 161  
 van Koppen, C.J. see D. Meyer zu Heringdorf (410) 34  
 van Langen, L. see V. Švedas (417) 414  
 Van Loo, G. see M. Van de Craen (403) 61  
 Van Montagu, M. see G. De Jaeger (403) 116  
 Van Montagu, M. see L. De Veylder (412) 446  
 Van Montagu, M. see P. Mergaert (409) 312  
 Van Montagu, M. see H. Stals (418) 229  
 Van Montagu, M. see N. Terryn (416) 156  
 van Mourik, J.A. see C. Hop (405) 167  
 Van Obberghen, E. see C.L. Sable (409) 253  
 van Ophem, P.W. see M. Misset-Smits (409) 221  
 van Raalte, A.L.J. see W. van Klompenburg (413) 109  
 van Rantwijk, F. see V. Švedas (417) 414  
 Van Rietschoten, J. see R. Kharrat (406) 284

- Van Sande, J. see L. Duprez (409) 469
- Van Schaftingen, E. see J.-F. Collet (408) 281
- Van Schaftingen, E. see I. Gerin (419) 235
- Van Schaftingen, E. see M. Pirard (411) 251
- Van Seuningen, I. see K. Bomsztyk (403) 113
- van Trijp, J.M.P. see P.C.H. Hollman (418) 152
- Van Veldhoven, P.P. see K. Croes (407) 197
- Van Veldhoven, P.P. see K. Croes (412) 643
- Van Wormhoudt, A. see D. Sellos (407) 153
- Vance, C.L. see M.W. McEnery (420) 74
- Vancheri, C. see E. Conte (400) 315
- Vandecasteele, G. see O. Blondel (412) 465
- Vandekerckhove, J. see V. De Corte (401) 191
- Vandenabeele, P. see R.M.Y. Barge (409) 207
- Vandenabeele, P. see M. Van de Craen (403) 61
- Vandenabeele, P. see D. Wallach (410) 96
- Vandenbranden, M. see A. El Ouahabi (414) 187
- vanderSpek, J.C. see D. Liger (406) 157
- Vandevoorde, V. see E. Decoster (416) 183
- Vanhove, M. see P. Ledent (413) 194
- Vankeerberghen, A. see J.-P. Annereau (407) 303
- Vannahme, C. see E. Kohfeldt (414) 557
- Vanoni, M. see V. Wanke (402) 251
- Vansuyt, G., F. Lopez, D. Inzé, J.-F. Briat and P. Fourcroy. Iron triggers a rapid induction of ascorbate peroxidase gene expression in *Brassica napus* (410) 195
- Vaquero, A. and J. Portugal. Small ligands that neither bind to nor alter the structure of d(GA-TC)<sub>n</sub> sequences in DNA (420) 156
- Váradí, A. see G.E. Tusnády (402) 1
- Varea, J. see L. Magdaleno (420) 179
- Varfolomeev, E. see D. Wallach (410) 96
- Varfolomeyev, S.D. see M.G. Sergeeva (418) 235
- Varma, D.R. see K.G. Peri (416) 269
- Varnum, B. see S. Goruppi (415) 59
- Varnum, B. see P. Marcandalli (415) 56
- Vartanian, A. see I. Alexandrov (414) 465
- Vartanian, A., I. Prudovsky, H. Suzuki, I. Dal Pra and L. Kisselev. Opposite effects of cell differentiation and apoptosis on Ap<sub>3</sub>A/Ap<sub>1</sub>A ratio in human cell cultures (415) 160
- Vartapetian, A.B. see Y.P. Rubtsov (413) 135
- Vasilets, L.A. see J. Zhao (408) 271
- Vásquez-Vivar, J., N. Hogg, K.A. Pritchard Jr. P. Martasek and B. Kalyanaraman. Superoxide anion formation from lucigenin: an electron spin resonance spin-trapping study (403) 127
- Vassalli, J.-D. see H. Zhou (413) 11
- Vassart, G. see L. Duprez (409) 469
- Vassiliev, I.R. see K.N. Gourovska (414) 193
- Vasyutina, E.L. see D.V. Bugreev (407) 18
- Vaux, D. see M. Irmiler (406) 189
- Vavassori, M. see V. Wanke (402) 251
- Vázquez, F. see M. Bonet (406) 196
- Vecchini, P. see C. Zamparelli (409) 1
- Vedernikova, E.A. see A.V. Maximov (412) 94
- Veenhuis, M. see F.A. Salomons (411) 133
- Veggi, D. see T. Fiaschi (417) 130
- Veiga-da-Cunha, M. see J.-F. Collet (408) 281
- Veiga-da-Cunha, M. see I. Gerin (419) 235
- Vekris, A. see S. Herblot (414) 146
- Velan, B. see R. Barak (407) 347
- Veldink, G.A. see M. Maccarrone (408) 241
- Veldink, G.A. see M. van der Stelt (411) 287
- Veldink, G.A. see M. van der Stelt (415) 313
- Veltman, O.R., G. Vriend, B. van den Burg, F. Hardy, G. Venema and V.G.H. Eijssink. Engineering thermolysin-like proteases whose stability is largely independent of calcium (405) 241
- Vendrell, J. see D. Reverter (420) 7
- Venema, G. see O.R. Veltman (405) 241
- Vennström, B. see M.L. Andersson (416) 291
- Ventura, M.M. see S.M. de Freitas (409) 121
- Veprintsev, D.B. see E.A. Permyakov (405) 273
- Veprintsev, D.B., S.E. Permyakov, E.A. Permyakov, V.V. Rogov, K.M. Cawthorn and L.J. Berliner. Cooperative thermal transitions of bovine and human apo- $\alpha$ -lactalbumins: evidence for a new intermediate state (412) 625
- Verchère-Béaur, C. see J.P. Renault (401) 15
- Verdière, J. see N. Altamura (409) 96
- Vergani, P., P. Morandini and C. Soave. Complementation of a yeast  $\Delta$ pep1 mutant by the *Arabidopsis* protein ANT (400) 243
- Vergani, P., T. Miosga, S.M. Jarvis and M.R. Blatt. Extracellular K<sup>+</sup> and Ba<sup>2+</sup> mediate voltage-dependent inactivation of the outward-rectifying K<sup>+</sup> channel encoded by the yeast gene *TOK1* (405) 337
- Vergne, P. see B. Liagre (414) 159
- Vergnes, L. see M.A. Edeas (418) 15
- Verhoeven, A.J. see P.J. Middelhoven (414) 14
- Verkleij, A.J. see M.A.G. Van der Heyden (410) 265
- Vermersch, P. see N. Sergeant (412) 578
- Véron, M. see S. Mesnildrey (418) 53
- Verploegen, S.A.B.W., G. Plaetinck, R. Devos, J. Van der Heyden and Y. Guisez. A human leptin mutant induces weight gain in normal mice (405) 237
- Vervoort, J., H.W. van den Hooven, A. Berg, P. Vossen, R. Vogelsang, M.H.A.J. Joosten and P.J.G.M. de Wit. The race-specific elicitor AVR9 of the tomato pathogen *Cladosporium fulvum*: a cystine knot protein. Sequence-specific 1H NMR assignments, secondary structure and global fold of the protein (404) 153
- Verzyl, D. see A.E. Alewijnse (419) 171
- Verzili, D. see C. Zamparelli (409) 1
- Vesce, S., P. Bezzi, D. Rossi, J. Meldolesi and A. Volterra. HIV-1 gp120 glycoprotein affects the astrocyte control of extracellular glutamate by both inhibiting the uptake and stimulating the release of the amino acid (411) 107
- Vester, B. see S. Kirillov (406) 223
- Vestergaard, H. see K. Norris (415) 243
- Vetter, H. see C. Grohé (416) 107
- Vial, C. see C. Léon (403) 26
- Vialettes, B. see N. Baeza (416) 364
- Viani, P., P. Giussani, L. Riboni, R. Bassi and G. Tettamanti. Behaviour of nitric oxide synthase in rat cerebellar granule cells differentiating in culture (408) 131
- Victorov, I.V. see U. Bruer (414) 117
- Victorova, L.S. see B.I. Martynov (410) 423
- Vidal, F. see A. Allali-Hassani (405) 26
- Vidal, F. see A. Allali-Hassani (411) 395
- Viggiano, J.M. see M.B. Herrero (411) 39
- Vihinen, M., B.F. Nore, P.T. Mattsson, C.-M. Bäckesjö, M. Nars, S. Koutaniemi, C. Watanabe, T. Lester, A. Jones, H.D. Ochs and C.I. Smith. Missense mutations affecting a conserved cysteine pair in the TH domain of Btk (413) 205
- Vikhamar, G. see S.-O. Mikalsen (401) 271
- Vikhamar, G. see S.-O. Mikalsen (411) 394
- Vile, G.F., Active oxygen species mediate the solar ultraviolet radiation-dependent increase in the tumour suppressor protein p53 in human skin fibroblasts (412) 70
- Villa, R.F. see M.L. Genova (410) 467
- Villalba, M. see E. Batanero (410) 293
- Villarreal, R. see N. Terryn (416) 156
- Villunger, A. see S. Geley (402) 36
- Vincent, J.-P. see J.-M. Botto (400) 211
- Viryasov, M.B. see I.B. Leshchinskaya (404) 241
- Viryasov, M.B. see A.I. Shestopalov (404) 272
- Visarius, T.M., J.W. Stucki and B.H. Lauterburg. Stimulation of respiration by methylene blue in rat liver mitochondria (412) 157
- Vishnuvardhan, D., N. Kakiuchi, P.T. Urvil, K. Shimotohno, P.K.R. Kumar and S. Nishikawa. Expression of highly active recombinant NS3 protease domain of hepatitis C virus in *E. coli* (402) 209
- Visweswariah, S.S. see M.M. Bakre (408) 345
- Vita, N. see B. Miloux (401) 163
- Viticchi, C. see M.L. Genova (410) 467
- Vittur, F. see P. D'Andrea (400) 58
- Viviani, R. see G.P. Rossini (410) 347
- Vizzini, A. see C. Costa (410) 499
- Vlahovick, K. see A. Gabriellian (406) 69
- Vlassov, V.V. see L.A. Balakireva (400) 267
- Vliegthart, J.F.G. see M. Maccarrone (408) 241
- Vliegthart, J.F.G. see M. van der Stelt (411) 287
- Vliegthart, J.F.G. see M. van der Stelt (415) 313
- Voelker, C. see K. Schuhmann (408) 75
- Vogel, S. see A. Kinzig (402) 162
- Vogelsang, R. see J. Vervoort (404) 153
- Vogt, B. see C. De Geyter (400) 149
- Vogt, E. see R. Tommasini (411) 206
- Volk, T., M. Hensel, K. Mäding, K. Egerer and W.J. Kox. Intracellular Ca<sup>2+</sup> dependence of nitric oxide mediated enhancement of interleukin-8 secretion in human endothelial cells (415) 169

- Völkl, A. see K. Beier (412) 385
- Volkmer, J., S. Guth, W. Nastainczyk, P. Knippel, P. Klappa, V. Gnaul and R. Zimmermann, Pancreas specific protein disulfide isomerase, PDIP, is in transient contact with secretory proteins during late stages of translocation (406) 291
- Volman, G. see H. Weinhouse (416) 207
- Volodin, A.A., H.A. Smirnova and T.N. Bocharova, Periodicity in recA protein-DNA complexes (407) 325
- Volpe, F., J. Clatworthy, A. Kaptein, B. Maschera, A.-M. Griffin and K. Ray, The IL1 receptor accessory protein is responsible for the recruitment of the interleukin-1 receptor associated kinase to the IL1/IL1 receptor I complex (419) 41
- Volshchukova, T.S. see A.Ya. Shkuropatov (420) 171
- Volterra, A. see S. Vesce (411) 107
- von Döhren, H. see W. Kallow (414) 74
- von Figura, K. see M.A. Sosa (407) 173
- von Harsdorf, R. see P.-F. Li (404) 249
- Von Heijne, G. see J.-W.L. De Gier (408) 1
- von Heijne, G. see W. van Klompenburg (413) 109
- von Schroetter, C. see R. Zahn (417) 400
- von Weikersthal, S.F., S. Seetharaman, K.A. Wright, F.A. Roux and M.A. Barrand, Changes in anion permeability following hypotonic challenge in rat brain endothelial cells: different responses in primary cultures and in immortalised RBE4 cells (417) 395
- von Zeschwitz, C., H. Vorwerk, F. Tergau and H.J. Steinfelder, Apoptosis induction by inhibitors of Ser/Thr phosphatases 1 and 2A is associated with transglutaminase activation in two different human epithelial tumour lines (413) 147
- Vorobjev, I.A. see Y.P. Rubtsov (413) 135
- Vorobyeva, N. see S. Avaeva (410) 502
- Voronina, E.J. see A.B. Shevelev (404) 148
- Vorwerk, H. see C. von Zeschwitz (413) 147
- Vossen, P. see J. Vervoort (404) 153
- Vouille, V., M. Amiche and P. Nicolas, Structure of genes for dermaseptins B, antimicrobial peptides from frog skin. Exon 1-encoded prepropeptide is conserved in genes for peptides of highly different structures and activities (414) 27
- Vrielink, A. see M. Medina (400) 247
- Vriend, G. see S.M. de Freitas (409) 121
- Vriend, G. see O.R. Veltman (405) 241
- Vygodina, T.V., N. Capitanio, S. Papa and A.A. Konstantinov, Proton pumping by cytochrome *c* oxidase is coupled to peroxidase half of its catalytic cycle (412) 405
- W
- Wada, M. see K. Koike (417) 390
- Wada, Y. see N. Kinto (404) 319
- Wagener, R., B. Kobbe and M. Paulsson, Primary structure of matrilin-3, a new member of a family of extracellular matrix proteins related to cartilage matrix protein (matrilin-1) and von Willebrand factor (413) 129
- Wagenknecht, B., E. Gulbins, F. Lang, J. Dichgans and M. Weller, Lipoygenase inhibitors block CD95 ligand-mediated apoptosis of human malignant glioma cells (409) 17
- Wagner, A.M. see W. Jarmuszkievicz (411) 110
- Wagner, C. see M. Hiesinger (415) 16
- Wagner, M.J. see W. Jarmuszkievicz (411) 110
- Wagner, P. see S. Nock (414) 233
- Wagner, U., J. Brownles, N.G. Irving, F.R. Lucas, P.C. Salinas and C.C.J. Miller, Overexpression of the mouse dishevelled-1 protein inhibits GSK-3 $\beta$ -mediated phosphorylation of tau in transfected mammalian cells (411) 369
- Wah, D.A. see J.A. Hirsch (403) 136
- Wahl, M.A. see R. Bränström (411) 301
- Wahl, M.C., R. Huber, L. Prade, S. Marinkovic, A. Messerschmidt and T. Clausen, Cloning, purification, crystallization, and preliminary X-ray diffraction analysis of cystathionine  $\gamma$ -synthase from *E. coli* (414) 492
- Wahli, W. see H. Poirier (412) 480
- Wahlund, K.-G. see B. Walse (412) 115
- Wahn, V. see D. Berendji (405) 37
- Waite, I. see A.M. Betts (405) 328
- Wakabayashi, E. see M. Yoshida (403) 143
- Wakabayashi, S. see M. Kida (404) 95
- Wakabayashi, T. see Y. Nagai (418) 23
- Wakasa, K. see K. Tanaka (413) 309
- Wakatabe, R. see T. Hirata (412) 337
- Wakiyama, M., N. Sakai, S. Kojima and K. Miura, Disulfide bond formation is not involved in cap-binding activity of *Xenopus* translation initiation factor eIF-4E (409) 407
- Walaas, O., R.S. Horn and S.I. Walaas, The protein kinase C pseudosubstrate peptide (PKC19–36) inhibits insulin-stimulated protein kinase activity and insulin-mediated translocation of the glucose transporter glut 4 in streptolysin-O permeabilized adipocytes (413) 152
- Walaas, S.I. see O. Walaas (413) 152
- Walker, B. see M.T. Fox (417) 267
- Walker, J.E. see G. Groth (410) 117
- Walker, J.E. see L. Palmieri (410) 447
- Walker, J.E. see L. Palmieri (417) 114
- Walker, J.W. see F.Z. Zamudio (405) 385
- Walker, M.D. see F. Argenton (407) 191
- Walker, R.J. see S.J. Perry (409) 426
- Walkinshaw, M.D. see H. Husi (414) 532
- Wallace, J.C. see L.G. Laajoki (420) 97
- Wallach, D., M. Boldin, E. Varfolomeev, R. Beyaert, P. Vandenabeele and W. Fiers, Cell death induction by receptors of the TNF family: towards a molecular understanding (410) 96
- Wallimann, T. see E. O'Gorman (414) 253
- Wallis, G. see T. Tabatabaie (407) 148
- Walse, B., J. Kihlberg, K.F. Karlsson, M. Nilsson, K.-G. Wahlund, J.S. Pinkner, S.J. Hultgren and T. Drakenberg, Transferred nuclear Overhauser effect spectroscopy study of a peptide from the PapG pilus subunit bound by the *Escherichia coli* PapD chaperone (412) 115
- Walsh, A.H., A. Cheng and R.E. Honkanen, Fostriecin, an antitumor antibiotic with inhibitory activity against serine/threonine protein phosphatases types 1 (PP1) and 2A (PP2A), is highly selective for PP2A (416) 230
- Walsh Jr., J.V. see S. Petrou (411) 339
- Walsh, M.P. see Z. Jiang (413) 441
- Walshaw, D.L., S. Lowthorpe, A. East and P.S. Poole, Distribution of a sub-class of bacterial ABC polar amino acid transporter and identification of an N-terminal region involved in solute specificity (414) 397
- Walter, U. see R. Stricker (405) 229
- Wan, X.-Y., Y. Zhou, Z.-Y. Yan, H.-L. Wang, Y.-D. Hou and D.-Y. Jin, Scavengase p20: a novel family of bacterial antioxidant enzymes (407) 32
- Wan, Y.-C. see M.-L. Tsaur (417) 208
- Wandel, S., A. Schürmann, W. Becker, S.A. Summers, M.F. Shanahan and H.G. Joost, Correction to: Substitution of conserved tyrosine residues in helix 4 (Y143) and 7 (Y293) affects the activity, but not IAPS-forskolin binding, of the glucose transporter GLUT4 (FEBS 14172) [*FEBS Letters*, 348 (1994) 114–118] (413) 495
- Wang, C.C. see W.-Y. To (404) 253
- Wang, H.-L. see M.-L. Tsaur (400) 215
- Wang, H.-L. see X.-Y. Wan (407) 32
- Wang, J.-K. see C.-C. Chen (412) 30
- Wang, M.-H. and K.-Y. Zhao, A simple method for determining kinetic constants of complexing inactivation at identical enzyme and inhibitor concentrations (412) 425
- Wang, S. see M. Scocchi (417) 311
- Wang, S., C. He, M.T. Maguire, A.L. Clemmons, R.E. Burrier, M.F. Guzzi, C.D. Strader, E.M. Parker and M.L. Bayne, Genomic organization and functional characterization of the mouse *GalR1* galanin receptor (411) 225
- Wang, S., M.J. Morales, S. Liu, H.C. Strauss and R.L. Rasmussen, Modulation of HERG affinity for E-4031 by [K<sup>+</sup>]<sub>o</sub> and C-type inactivation (417) 43
- Wang, X. and J.-D. Horisberger, Palytoxin effects through interaction with the Na,K-ATPase in *Xenopus* oocyte (409) 391
- Wang, X. and M.W. Kilmann, Identification of two new  $\mu$ -adaptin-related proteins,  $\mu$ -ARP1 and  $\mu$ -ARP2 (402) 57
- Wang, X. see J. Han (403) 19
- Wang, X. see Y. Shen (413) 92
- Wang, X. see G.I. Welsh (410) 418
- Wang, X.-H. see T. Odani (420) 186

- Wang, Y. see Y. Shen (413) 92
- Wanke, E. see D. Angoli (408) 341
- Wanke, V., M. Vavassori, J.M. Thevelein, P. Tortora and M. Vanoni, Regulation of maltose utilization in *Saccharomyces cerevisiae* by genes of the RAS/protein kinase A pathway (402) 251
- Ward, A. see G. Dell (419) 161
- Ward, P.A. see Z. Ding (418) 310
- Warder, S.E., Z. Chen, Y. Zhu, M. Prorok, F.J. Castellino and F. Ni, The NMR solution structure of the NMDA receptor antagonist, conantokin-T, in the absence of divalent metal ions (411) 19
- Wariishi, H. see N. Itoh (412) 281
- Waritani, T. see K. Kinoshita (403) 112
- Warnier-Pirotte, M.-T. see R. Wattiaux (417) 199
- Warren, W.D. see D. Alberati-Giani (410) 407
- Wartenberg, M. see H. Sauer (419) 201
- Warwicker, J., A molecular model for interfacial activation in phospholipase A<sub>2</sub> (404) 159
- Washbourne, P., R. Pellizzari, G. Baldini, M.C. Wilson and C. Montecucco, Botulinum neurotoxin types A and E require the SNARE motif in SNAP-25 for proteolysis (418) 1
- Washimine, H. see K. Kuwasako (414) 105
- Wasternack, C. see I. Feussner (406) 1
- Wasternack, C. see K. Feussner (409) 211
- Wasternack, C. see E. Görschen (419) 58
- Wasternack, C. see R. Kramell (414) 197
- Watanabe, C. see M. Vihinen (413) 205
- Watanabe, K. see Y. Yamamoto (412) 461
- Watanabe, M. see A. Kohyama-Koganeya (409) 258
- Watanabe, M. see S. Ohya (401) 252
- Watanabe, M. see S. Ohya (420) 47
- Watanabe, N. see T. Ishizaki (404) 118
- Watanabe, N. see S. Narumiya (410) 68
- Watanabe, T., M. Sugiura and M. Sugita, A novel small stable RNA, 6Sa RNA, from the cyanobacterium *Synechococcus* sp. strain PCC6301 (416) 302
- Watanabe, T.X. see Y. Takei (414) 377
- Watanabe, Y., Y. Hu and H. Hidaka, Identification of a specific amino acid cluster in the calmodulin-binding domain of the neuronal nitric oxide synthase (403) 75
- Watanabe, Y., Y. Kono, E. Nanba, E. Ohama and K. Nakashima, Instability of expressed Cu/Zn superoxide dismutase with 2 bp deletion found in familial amyotrophic lateral sclerosis (400) 108
- Waterfield, M.D. see J. Domin (410) 91
- Watson, J. see P. Littlebury (400) 304
- Watson, J. see A. Morreale (417) 38
- Watson, R.G., O.D. Rotstein, J. Parodo, R. Bitar, D. Hackam and J.C. Marshall, Granulocytic differentiation of HL-60 cells results in spontaneous apoptosis mediated by increased caspase expression (412) 603
- Watson, S.P. see J.M. Gibbins (413) 255
- Watt, P.W. see D.A.E. Cross (406) 211
- Wattez, A. see N. Sergeant (412) 578
- Wattiaux, R., M. Jadot, M.-T. Warnier-Pirotte and S. Wattiaux-De Coninck, Cationic lipids destabilize lysosomal membrane in vitro (417) 199
- Wattiaux-De Coninck, S. see R. Wattiaux (417) 199
- Wattiez, R. see S. Zarkik (406) 205
- Wattler, F. see B. Simon (411) 383
- Watts, A. see D.A. Middleton (410) 269
- Waxman, S.G. see S.D. Dib-Hajj (416) 11
- Way, M. see I. Reckmann (409) 141
- Webb, D.J. and S.L. Gonias, Chemical modification of  $\alpha_2$ -macroglobulin to generate derivatives that bind transforming growth factor- $\beta$  with increased affinity (410) 249
- Weber, F.E. see D. Boffelli (411) 7
- Weber, H. see D. Berendji (405) 37
- Weber, J. and A.E. Senior, Binding of TNP-ATP and TNP-ADP to the non-catalytic sites of *Escherichia coli* F<sub>1</sub>-ATPase (412) 169
- Weber, J. see S. Löbau (404) 15
- Weber, K. see J. Seemann (413) 185
- Weber, K., A. Schneider, S. Westermann, N. Müller and U. Plessmann, Posttranslational modifications of  $\alpha$ - and  $\beta$ -tubulin in *Giardia lamblia*, an ancient eukaryote (419) 87
- Weber, P.J.A. see S. Uebel (416) 359
- Weber, W. see M. Perbandt (412) 573
- Weber-Nordt, R. see I. Körner (406) 31
- Webster, G., J. Genschel, U. Curth, C. Urbank, C. Kang and R. Hilgenfeld, Erratum to: A common core for binding single-stranded DNA: structural comparison of the single-stranded DNA-binding proteins (SSB) from *E. coli* and human mitochondria (FEBS 18895) [FEBS Letters 411 (1997) 313-316] (415) 351
- Webster, G., J. Genschel, U. Curth, C. Urbanke, C. Kang and R. Hilgenfeld, A common core for binding single-stranded DNA: structural comparison of the single-stranded DNA-binding proteins (SSB) from *E. coli* and human mitochondria (411) 313
- Webster, G., J. Genschel, U. Curth, C. Urbanke, C. Kang and R. Hilgenfeld, Erratum to: A common core for binding single-stranded DNA: structural comparison of the single-stranded DNA-binding proteins (SSB) from *E. coli* and human mitochondria (FEBS 18895) [FEBS Letters 411 (1997) 313-316] (416) 387
- Wedel, B.J. and D.L. Garbers, New insights on the functions of the guanylyl cyclase receptors (410) 29
- Wedgwood, O. see J. Balzarini (410) 324
- Wehrens, X.H.T., B. Mies, M. Gimona, F.C.S. Ramaekers, G.J.J.M. Van Eys and J.V. Small, Localization of smoothelin in avian smooth muscle and identification of a vascular-specific isoform (405) 315
- Wei, E.T. see S. Ushiro (418) 341
- Weidle, U.H. see E.N. Baramova (405) 157
- Weigert, C. see B. Hamm-Künzelmann (403) 87
- Weih, M.K. see U. Bruer (414) 117
- Weil, M.M. see S. Che (413) 417
- Weiler, E.W. see B. Klüsener (407) 230
- Weinberg, D.H. see A.D. Howard (405) 285
- Weinhouse, H., S. Sapir, D. Amikam, Y. Shilo, G. Volman, P. Ohana and M. Benziman, c-di-GMP-binding protein, a new factor regulating cellulose synthesis in *Acetobacter xylinum* (416) 207
- Weiss, C. see P. Goloubinoff (407) 215
- Weiss, C.A., E. White, H. Huang and H. Ma, The G protein  $\alpha$  subunit (GP $\alpha$ 1) is associated with the ER and the plasma membrane in meristematic cells of *Arabidopsis* and cauliflower (407) 361
- Weiss, H. see R. Schneider (407) 249
- Weissenböck, G. see M. Klein (420) 86
- Wejde, J. see M. Hjertman (416) 235
- Welch, R.J. see Y. Yatomi (404) 173
- Weller, M. see B. Wagenknecht (409) 17
- Wells, D.J. see K.E. Wells (407) 164
- Wells, K.E., J. Maule, R. Kingston, K. Foster, J. McMahon, E. Damien, A. Poole and D.J. Wells, Immune responses, not promoter inactivation, are responsible for decreased long-term expression following plasmid gene transfer into skeletal muscle (407) 164
- Wels, W. see B. Gerstmayer (407) 63
- Welsch, M. see H. Dörsam (414) 7
- Welsh, G.I., C.M. Stokes, X. Wang, H. Sakaue, W. Ogawa, M. Kasuga and C.G. Proud, Activation of translation initiation factor eIF2B by insulin requires phosphatidylinositol 3-kinase (410) 418
- Welsh, M.J. see S.M. Travis (412) 415
- Welte, W. see A. Hirsch (404) 208
- Weng, C.-F., T.-H. Lee and P.-P. Hwang, Immune localization of prolactin receptor in the mitochondria-rich cells of the euryhaline teleost (*Oreochromis mossambicus*) gill (405) 91
- Wenk, J. see M. Wlaschek (413) 239
- Wenzel, K.-W. see T. Reimann (403) 57
- Wera, S., P. Ma and J.M. Thevelein, Glucose exerts opposite effects on mRNA versus protein and activity levels of Pde1, the low-affinity cAMP phosphodiesterase from budding yeast, *Saccharomyces cerevisiae* (420) 147
- Werder, M. see D. Boffelli (411) 7
- Werge, T.M. see A. Ciucci (416) 335
- Werner, A. see N.A. Wolff (417) 287
- Werner, D. see T. Glaser (413) 50
- Wess, T.J., P.P. Purslow and C.M. Kielty, Fibrillin-rich microfibrils: an X-ray diffraction study of the fundamental axial periodicity (413) 424
- Wesselborg, S. see M.K.A. Bauer (402) 256
- West, A.K. see A.F. Holloway (404) 41
- Westerhoff, H.V. see B.N. Kholodenko (414) 430
- Westerhoff, H.V. see B.N. Kholodenko (419) 150

- Westerlund, B., M. Saarinen, B. Person, S. Ramaswamy, D. Eaker and H. Eklund, Crystallographic investigation of the dependence of calcium and phosphate ions for norexin (403) 51
- Westermann, S. see K. Weber (419) 87
- Westphal, E.D. see V.E. Alatorsev (413) 197
- Wever, R. see W. Hemrika (409) 317
- Wewer, U.M. see M.E. Durkin (411) 296
- Wex, Th., F. Bühling, M. Arndt, K. Frank, S. Ansoerge and U. Lendeckel, The activation-dependent induction of APN-(CD13) in T-cells is controlled at different levels of gene expression (412) 53
- Whaley, K. see S. He (405) 42
- Whaley, K. see S. He (412) 506
- Wheeler-Jones, C., R. Abu-Ghazaleh, R. Cospedal, R.A. Houliston, J. Martin and I. Zachary, Vascular endothelial growth factor stimulates prostacyclin production and activation of cytosolic phospholipase A<sub>2</sub> in endothelial cells via p42/p44 mitogen-activated protein kinase (420) 28
- Whelan, J. see P. Dessi (415) 173
- White, E. see C.A. Weiss (407) 361
- White, K.N. see M. Rafiq (407) 132
- White, M.A., J. Bailey II, G.C. Cannon and S. Heinhorst, Partial purification and characterization of the DNA polymerase from the cyanelles of *Cyanophora paradoxa* (410) 509
- White, M.A., J. Bailey II, G.C. Cannon and S. Heinhorst, Erratum to: Partial purification and characterization of the DNA polymerase from the cyanelles of *Cyanophora paradoxa* (FEBS 18809) [FEBS Letters 410 (1997) 509–514] (416) 387
- Whiteman, M. and B. Halliwell, Thiols and disulphides can aggravate peroxynitrite-dependent inactivation of  $\alpha_1$ -antitrypsin (414) 497
- Whitford, D. see G.B. Mortuza (412) 610
- Wider, G. see S. Hornemann (413) 277
- Wider, G. see R. Riek (413) 282
- Więckowski, M.R. see P. Schönfeld (416) 19
- Więckowski, M.R. see P. Schönfeld (419) 151
- Wieczorek, H. see H. Merzendorfer (411) 239
- Wieder, T., C.C. Geilen, T. Kolter, F. Sadeghlar, K. Sandhoff, R. Brossmer, P. Ihrig, D. Perry, C.E. Orfanos and Y.A. Hannun, Bcl-2 antagonizes apoptotic cell death induced by two new ceramide analogues (411) 260
- Wiegand, F. see U. Bruer (414) 117
- Wieland, F.T. see W. Nickel (413) 395
- Wiemken, A. see N. Sprenger (400) 355
- Wieprecht, T. see M. Dathe (403) 208
- Wieprecht, T., M. Dathe, E. Krause, M. Beyeremann, W. Maloy, D.L. MacDonald and M. Bienert, Modulation of membrane activity of amphipathic, antibacterial peptides by slight modifications of the hydrophobic moment (417) 135
- Wieringa, B. see J. Schepens (409) 53
- Wiesmann, D. see M. Klemp (408) 81
- Wiesner, B. see J. Oehlke (415) 196
- Wigge, P. see H.T. McMahon (413) 319
- Wijdenes, J. see J.-M. Dore (402) 50
- Wijdenes, J. see B. Lebeau (407) 141
- Wijnholds, J. see R. Evers (419) 112
- Wikberg, J.E.S. see H.B. Schiöth (410) 223
- Wikström, M. see A. Majander (412) 351
- Wikström, M. see S. Riistama (414) 275
- Wilcox, R.A., A. Fauq, A.P. Kozikowski and S.R. Nahorski, Defining the minimal structural requirements for partial agonism at the type I *myo*-inositol 1,4,5-trisphosphate receptor (402) 241
- Wilde, A. see T. Hübschmann (408) 201
- Wilde, A., Y. Churin, H. Schubert and T. Börner, Disruption of a *Synechocystis* sp. PCC 6803 gene with partial similarity to phytochrome genes alters growth under changing light qualities (406) 89
- Wilde, A., Y. Churin, H. Schubert and T. Börner, Corrigendum to: Disruption of a *Synechocystis* sp. PCC 6803 gene with partial similarity to phytochrome genes alters growth under changing light qualities (FEBS 18393) [FEBS Letters 406 (1997) 89–92] (412) 404
- Wilden, U., H.-W. Choe, B. Kraft and J. Granzin, Crystallization and preliminary X-ray analysis of arrestin from bovine rod outer segment (415) 268
- Wilkins, M.R. see D.F. Hochstrasser (416) 161
- Willems, R. see K. Anciaux (400) 75
- Willemze, R. see R.M.Y. Barge (409) 207
- Williams, G. see R.D. Burgoyne (414) 349
- Williams, G.T. see A.C. Loweth (400) 285
- Williams, S.D. and D.A. Ford, Activation of myocardial cAMP-dependent protein kinase by lysoplasmethylcholine (420) 33
- Williams, T. see P. Littlebury (400) 304
- Williamson, G. see Y. Bao (410) 210
- Williamson, M.S. see H. Vais (413) 327
- Williger, B.-T. and M. Liscovitch, Ras GTPase-activating protein-associated p62 is a major v-Src-SH3-binding protein (403) 35
- Willingmann, P. see M. Perbandt (412) 573
- Willis, S.A. and L.S. Mathews, Regulation of activin type I receptor function by phosphorylation of residues outside the GS domain (420) 117
- Willison, K.R. see H. Kubota (402) 53
- Wilmink, A. see A. Schouten (415) 235
- Wilson, I.(J.M.). see B. Clough (406) 123
- Wilson, J.C. see M. Perbandt (412) 573
- Wilson, K. see S. Awaeva (410) 502
- Wilson, K.S. see V.Yu. Lunin (412) 217
- Wilson, M.C. see P. Washbourne (418) 1
- Wilson, M.T. see C.E. Cooper (414) 281
- Wilson, S. see S.J. Perry (409) 426
- Wiman, B. see A.-C. Bergman (417) 17
- Winkler, R. see W. Wonisch (405) 11
- Winoto, A. see W. Kalus (401) 127
- Winqvist, O. see G. Gebre-Medhin (412) 439
- Winter, H., J.L. Huber and S.C. Huber, Membrane association of sucrose synthase: changes during the graviresponse and possible control by protein phosphorylation (420) 151
- Winter, R.W. see M.V. Ignatushchenko (409) 67
- Wirta, O. see J. Leinonen (417) 150
- Wirth, M. see K. Gast (403) 245
- Wirtz, K.W.A. see O. Tüscher (419) 271
- Wise, A., I. Carr, D. Groarke and G. Milligan, Measurement of agonist efficacy using an  $\alpha_2A$ -adrenoceptor-G<sub>11</sub> $\alpha$  fusion protein (419) 141
- Wise, A., M. Parenti and G. Milligan, Interaction of the G-protein G<sub>11</sub> $\alpha$  with receptors and phosphoinositidase C: (407) 257
- Wiseman, P.W., P. Höddelius, N.O. Petersen and K.-E. Magnusson, Aggregation of PDGF- $\beta$  receptors in human skinfibroblasts: characterization by image correlation spectroscopy(ICS) (401) 43
- Wiser, O., D. Tobin, M. Trus and D. Atlas, Synaptotagmin restores kinetic properties of a syntaxin-associated N-type voltage sensitive calcium channel (404) 203
- Wisniewski, T. see J. Ghiso (408) 105
- Witt, C. see M. Jäckel (408) 21
- Witt, H., A. Wittershagen, E. Bill, B.O. Kolbesen and B. Ludwig, Asp-193 and Glu-218 of subunit II are involved in the Mn<sup>2+</sup>-binding of *Paracoccus denitrificans* cytochrome c oxidase (409) 128
- Witt, O., W. Albig and D. Doenecke, Transcriptional regulation of the human replacement histone gene H3.3B (408) 255
- Wittenberg, J.B. see A. Boffi (411) 335
- Wittershagen, A. see H. Witt (409) 128
- Wittinghofer, A. see M.R. Ahmadian (408) 315
- Wittinghofer, A., K. Scheffzek and M.R. Ahmadian, The interaction of Ras with GTPase-activating proteins (410) 63
- Wittmann, J. see B. Gerhartz (412) 551
- Witvrouw, M. see J. Balzarini (410) 324
- Wixler, L. see C. Hagemann (403) 200
- Wixler, V. see C. Hagemann (403) 200
- Wlaschek, M., J. Wenk, P. Brenneisen, K. Briviba, A. Schwarz, H. Sies and K. Scharffetter-Kochanek, Singlet oxygen is an early intermediate in cytokine-dependent ultraviolet-A induction of interstitial collagenase in human dermal fibroblasts in vitro (413) 239
- Wojtaszek, P., J. Trethowan and G. Bolwell, Reconstitution in vitro of the components and conditions required for the oxidative cross-linking of extracellular proteins in French bean (*Phaseolus vulgaris* L.) (405) 95
- Wojtczak, L. see P. Schönfeld (416) 19
- Wojtczak, L. see P. Schönfeld (419) 151
- Wolf, G. see H. Possel (416) 175
- Wolf, K. see M. Bucher (412) 511
- Wolf, V., G. Ke, A.M. Dharmarajan, W. Bielke, L. Artuso, S. Saurer and R. Friis, DDC-4, an apoptosis-associated gene, is a secreted frizzled relative (417) 385

- Wolfe, H. see A. Kiewitz (415) 258  
 Wolff, J. see C. Laezza (413) 260  
 Wolff, J. see S.S. Rai (416) 251  
 Wolff, N.A., A. Werner, S. Burkhardt and G. Burkhardt, Expression cloning and characterization of a renal organic anion transporter from winter flounder (417) 287  
 Wolffe, A.P. see S. Khochbin (419) 157  
 Wolfger, H., Y. Mahé, A. Parle-McDermott, A. Delahodde and K. Kuchler, The yeast ATP binding cassette (ABC) protein genes *PDR10* and *PDR15* are novel targets for the Pdr1 and Pdr3 transcriptional regulators (418) 269  
 Wolfrum, U. see A. Huber (406) 6  
 Wolfson, M. see D. Fishman (410) 191  
 Wolfson, M.F. see J. Müllberg (401) 235  
 Wollheim, C.B. see J. Lang (419) 13  
 Wollmer, A. see M. Federwisch (407) 333  
 Wong, L.-L. see D.P. Nickerson (405) 153  
 Wong, P.P.C. see H.Y. Gaisano (414) 298  
 Wong, T. see T.B. Csóka (417) 307  
 Wonisch, W., M. Hayn, R. Schaur, F. Tatzber, I. Kranner, D. Grill, R. Winkler, T. Bilinski, S.D. Kohlwein and H. Esterbauer, Increased stress parameter synthesis in the yeast *Saccharomyces cerevisiae* after treatment with 4-hydroxy-2-nonenal (405) 11  
 Wood, C.K. see P. Dudley (417) 321  
 Wood, G. see M.I. Mackness (416) 377  
 Wood, J.N. see A.N. Akopian (400) 183  
 Wood, J.N. see L. Sivilotti (409) 49  
 Woodruff, W.H. see S. Riistama (414) 275  
 Woollatt, E. see D. Stapleton (409) 452  
 Woolley, P. see S. Kirillov (406) 223  
 Wright, B.E., Does selective gene activation direct evolution? (402) 4  
 Wright, K.A. see S.F. von Weikersthal (417) 395  
 Wright, N.A., W. Hoffmann, W.R. Otto, M.-C. Rio and L. Thim, Rolling in the clover: trefol factor family (TFF)-domain peptides, cell migration and cancer (408) 121  
 Wright, P.E. see D. Eliezer (417) 92  
 Wright, P.E. see J. Yao (419) 285  
 Wu, C.-Y., C.-H. Lin and L.-J. Chen, Identification of the transcription start site for the spinach chloroplast serine tRNA gene (418) 157  
 Wu, H.-N. see Z.-S. Huang (413) 299  
 Wu, N. see Y. Shen (413) 92  
 Wulbrand, U. see J.-P. Annereau (407) 303  
 Wulff, B., S. Möller Knudsen, K. Adelhorst and J. Fahrenkrug, The C-terminal part of VIP is important for receptor binding and activation, as evidenced by chimeric constructs of VIP/secretin (413) 405  
 Wulff, B.S. see S.M. Knudsen (412) 141  
 Wunderlich, F. see W.M. Bente (407) 211  
 Wüthrich, K. see S. Hornemann (413) 277  
 Wüthrich, K. see R. Rick (413) 282  
 Wüthrich, K. see R. Zahn (417) 400  
 Wüthrich, M. and E.E. Sterchi, Human lactase-phlorizin hydrolase expressed in COS-1 cells is proteolytically processed by the lysosomal pathway (405) 321  
 Wyns, L. see M. Arbabi Ghahroudi (414) 521

## X

- Xi, X.-P. see K. Graf (400) 119  
 Xi, X.-P., K. Graf, S. Goetze, W.A. Hsueh and R.E. Law, Inhibition of MAP kinase blocks insulin-mediated DNA synthesis and transcriptional activation of *c-fos* by Elk-1 in vascular smooth muscle cells (417) 283  
 Xie, J., J.A. Briggs and R.C. Briggs, MNDA dimerizes through a complex motif involving an N-terminal basic region (408) 151  
 Xie, Z. see F.K. Askari (405) 5

## Y

- Yabe, T. see Y.-K. Liu (420) 112  
 Yabuuchi, H. see I. Tamai (419) 107  
 Yagi, M. see I. Onishi (420) 201  
 Yaguchi, M. see A.J. Clarke (414) 359  
 Yagyu, H. see K. Harada (411) 63  
 Yajima, H. see H. Ohtsuka (401) 65  
 Yakovlev, G.I. see G.P. Moiseyev (404) 169  
 Yaku, H. and T. Mizuno, The membrane-located osmosensory kinase, EnvZ, that contains a leucine zipper-like motif functions as a dimer in *Escherichia coli* (417) 409  
 Yaku, H., M. Kato, T. Hakoshima, M. Tsuzuki and T. Mizuno, Interaction between the CheY response regulator and the histidine-containing phosphotransfer (HPT) domain of the ArcB sensory kinase in *Escherichia coli* (408) 337  
 Yakura, H. see K. Mizuno (417) 6  
 Yamada, A., M. Yoshio and H. Nakayama, Bi-directional movement of actin filaments along long bipolar tracks of oriented rabbit skeletal muscle myosin molecules (409) 380  
 Yamada, H. see N. Kubo (409) 177  
 Yamada, N. see K. Harada (411) 63  
 Yamada, Y. see K. Fujimori (413) 226  
 Yamagami, S., H. Tanaka and N. Endo, Monocyte chemoattractant protein-2 can exert its effects through the MCP-1 receptor (CC CKR2B) (400) 329  
 Yamagata, T. see T. Suzuki (404) 192  
 Yamagishi, A. see S. Akanuma (410) 141  
 Yamaguchi, A. see E. Fujihira (419) 211  
 Yamaguchi, A. see T. Hirata (412) 337  
 Yamaguchi, A. see N. Kinto (404) 319  
 Yamaguchi, K. see S. Mano (413) 21  
 Yamamoto, H. see K. Sato (410) 136  
 Yamamoto, H., K. Hanada, K. Kawasaki and M. Nishijima, Inhibitory effect of curcumin on mammalian phospholipase D activity (417) 196  
 Yamamoto, K. see I. Onishi (420) 201  
 Yamamoto, K., N. Nishimura, T. Doi, T. Imanishi, T. Kodama, K. Suzuki and T. Tanaka, The lysine cluster in the collagen-like domain of the scavenger receptor provides for its ligand binding and ligand specificity (414) 182  
 Yamamoto, M. see T. Hirayama (413) 16  
 Yamamoto, M. see F. Motegi (420) 161  
 Yamamoto, Y. see A. Fujishima (407) 47  
 Yamamoto, Y., Y. Kambayashi, T. Ito, K. Watanabe and M. Nakano, 1,2-Diacylglycerol hydroperoxides induce the generation and release of superoxide anion from human polymorphonuclear leukocytes (412) 461  
 Yamamura, E. see S. Tanaka (417) 203  
 Yamamura, S. see Y. Yatomi (417) 341  
 Yamanaka, N., O. Oda and S. Nagao, Green tea catechins such as (–)-epicatechin and (–)-epigallocatechin accelerate Cu<sup>2+</sup>-induced low density lipoprotein oxidation in propagation phase (401) 230  
 Yamanaka, N., O. Oda and S. Nagao, Prooxidant activity of caffeic acid, dietary non-flavonoid phenolic acid, on Cu<sup>2+</sup>-induced low density lipoprotein oxidation (405) 186  
 Yamanaka, Y. see N. Yamazaki (409) 401  
 Yamane, H. see S. Goruppi (415) 59  
 Yamano, Y. see I. Morishima (419) 83  
 Yamaoka, S. see T. Kajdo (411) 378  
 Yamasaki, M. see I. Fujii (410) 131  
 Yamasaki, N. see S.-S. Park (400) 103  
 Yamazaki, H.F. see S. Ohya (401) 252  
 Yamazaki, N. see T. Daikoku (410) 383  
 Yamazaki, N., Y. Yamanaka, Y. Hashimoto, Y. Shinohara, A. Shima and H. Terada, Structural features of the gene encoding human muscle type carnitine palmitoyltransferase I (409) 401  
 Yamazaki, Y. see T. Suzuki (404) 192  
 Yamori, Y. see J. Matsuda (418) 200  
 Yan, Z.-Y. see X.-Y. Wan (407) 32  
 Yanagawa, H. see N. Doi (402) 177

- Yanagawa, H. see N. Nemoto (414) 405
- Yanagida, T. see A.H. Iwane (407) 235
- Yanagisawa, K., J. McLaurin, M. Michikawa, A. Chakrabarty and Y. Ihara, Amyloid  $\beta$ -protein ( $A\beta$ ) associated with lipid molecules: immunoreactivity distinct from that of soluble  $A\beta$  (420) 43
- Yanai, K., S. Matsuyama, K. Murakami and A. Fukamizu, Differential action of AGCF2 upon cell type-dependent expression of human angiotensinogen gene (412) 285
- Yanaka, N., H. Akatsuka and K. Omori, Protein kinase C activation down-regulates natriuretic peptide receptor C expression via transcriptional and post-translational pathways (418) 333
- Yang, F., G.-Z. Jing, J.-M. Zhou and Y.-Z. Zheng, Free luciferase may acquire a more favorable conformation than ribosome-associated luciferase for its activity expression (417) 329
- Yang, J.-C. see S. He (412) 506
- Yang, J.F. see S. Pun (418) 275
- Yang, J.F., Y.P. Ng, S. Pun, N.Y. Ip and K.W.K. Tsim, The EGF-like domain of chick acetylcholine receptor-inducing activity (ARIA) contains its full biological activity (403) 163
- Yang, K. see G.P. Brown (412) 35
- Yang, S.M. see X.M. Pan (402) 25
- Yang, V.W. see H. Ton-That (419) 239
- Yang, W. and D.P. de Bono, A new role for vascular endothelial growth factor and fibroblast growth factors: increasing endothelial resistance to oxidative stress (403) 139
- Yano, M. see K. Terada (403) 309
- Yano, M., S. Mori, Y. Niwa, M. Inoue and H. Kido, Intrinsic nucleoside diphosphate kinase-like activity as a novel function of 14-3-3 proteins (419) 244
- Yanoma, S. see N. Koshikawa (409) 442
- Yao, J., H. Dyson and P.E. Wright, Chemical shift dispersion and secondary structure prediction in unfolded and partly folded proteins (419) 285
- Yao, Z. see Y. Yung (408) 292
- Yarden, Y. see I. Alroy (410) 83
- Yardley, G. see P. Jackson (406) 271
- Yasnetskaya, E. see G.P. Moiseyev (407) 207
- Yassad, A., A. Lavoine, A. Bion, M. Daveau and A. Husson, Glutamine accelerates interleukin-6 production by rat peritoneal macrophages in culture (413) 81
- Yasuda, A. see Y. Takei (414) 377
- Yasuda, H. see R. Honda (420) 25
- Yasuda, Y. see K. Uchida (410) 313
- Yasugi, E. see Y. Yokoyama (412) 153
- Yasui, Y. see D.V. Bugreev (407) 18
- Yasukochi, Y. see M. Yonaha (410) 477
- Yasumitsu, H. see N. Koshikawa (409) 442
- Yatomi, Y., R.J. Welch and Y. Igarashi, Distribution of sphingosine 1-phosphate, a bioactive sphingolipid, in rat tissues (404) 173
- Yatomi, Y., S. Yamamura, F. Ruan, S. Kume, Y. Ozaki and Y. Igarashi, *N,N*-Dimethylsphingosine 1-phosphate activates human platelets (417) 341
- Yatskin, O.N. see E.Yu. Blishchenko (414) 125
- Yazaki, Y. see Y. Fukushima (409) 283
- Yazaki, Y. see K. Harada (411) 63
- Yazawa, M. see M. Eto (410) 356
- Yeliseev, A.A. and S. Kaplan, Anaerobic carotenoid biosynthesis in *Rhodobacter sphaeroides* 2.4.1:  $H_2O$  is a source of oxygen for the 1-methoxy group of spheroidene but not for the 2-oxo group of spheroidenone (403) 10
- Yeom, H. see S.A. Maves (414) 213
- Yie, J. see C.R. Escalante (414) 219
- Yi-Kung Huang, E. see S.J. Perry (409) 426
- Yilmaz, H. see S. Sentürker (416) 286
- Yohda, M. see K. Motohashi (412) 633
- Yokobori, S. see G. Börner (409) 320
- Yokoo, Y. see I. Fujii (410) 131
- Yokosawa, H. see R. Nakagawa (408) 301
- Yokosawa, H. see H. Sawada (412) 521
- Yokota, H. see Y.-I. Chi (414) 327
- Yokoyama, Y., T. Okubo, S. Ozawa, F. Nagai, K. Ushiyama, I. Kano, M. Shioda, H. Kubo, M. Takemura, H. Namiki, E. Yasugi, M. Oshima, Y. Seyama and K. Kano, CPP32 activation during dolichyl phosphate-induced apoptosis in U937 leukemia cells (412) 153
- Yomo, T. see N. Doi (402) 177
- Yonaha, M., T. Tsuchiya and Y. Yasukochi, Cell-cycle-dependent phosphorylation of the basal transcription factor RAP74 (410) 477
- Yoneda, Y. see L. Tsuji (416) 30
- Yonekawa, H. see M. Shimmoto (417) 89
- Yoo, H.Y. see Y.H. Kim (401) 267
- Yoo, S.H. and Y.K. Kang, Identification of the secretory vesicle membrane binding region of chromogranin B (406) 259
- Yoo, S.H. see Y.K. Kang (404) 87
- Yoo, S.J. see D.H. Shin (413) 495
- Yoo, S.J., Y.K. Shim, I.S. Seong, J.H. Seol, M.-S. Kang and C.H. Chung, Mutagenesis of two N-terminal Thr and five Ser residues in HslV, the proteolytic component of the ATP-dependent HslVU protease (412) 57
- Yoshida, A. see Y. Taguchi (401) 11
- Yoshida, K. see Y. Mizukami (401) 247
- Yoshida, K. see M. Nishiguchi (403) 294
- Yoshida, M. see N. Itoh (412) 281
- Yoshida, M. see K. Motohashi (412) 633
- Yoshida, M. see E. Muneyuki (413) 55
- Yoshida, M. see S. Ushiro (418) 341
- Yoshida, M., S. Noguchi, E. Wakabayashi, G. Piluso, A. Belsito, V. Nigro and E. Ozawa, The fourth component of the sarcoglycan complex (403) 143
- Yoshida, S. see H. Higashi (414) 55
- Yoshida, S. see S. Ushiro (418) 341
- Yoshida, T., R. Sato, S. Mahmood, S. Kawasaki, M. Futai and M. Maeda, GATA-6 DNA binding protein expressed in human gastric adenocarcinoma MKN45 cells (414) 333
- Yoshie, S. see Y. Toyoda (415) 281
- Yoshihara, S. see T. Ishidate (409) 237
- Yoshihisa, T. see T. Homma (408) 11
- Yoshikawa, M. see S. Fukudome (412) 475
- Yoshiki, S. see N. Kinto (404) 319
- Yoshimasa, Y. see J. Matsuda (418) 200
- Yoshimatsu, H. see T. Masaki (418) 323
- Yoshimura, N. see M. Masuda (408) 221
- Yoshimura, S.H. see J. Zhao (408) 271
- Yoshino, K. see T. Ramamurthy (413) 174
- Yoshio, M. see A. Yamada (409) 380
- Yoshioka, H. see N. Kinto (404) 319
- Yoshioka, K. see I. Onishi (420) 201
- Yoshizato, K. see M. Obara (412) 48
- Yoshizawa Kumagaye, K. see Y. Takei (414) 377
- Yoshizumi, M., H. Houchi, K. Tsuchiya, K. Minakuchi, K. Horike, T. Kitagawa, I. Katoh and T. Tamaki, Atrial natriuretic peptide stimulates  $Na^+$ -dependent  $Ca^{2+}$  efflux from freshly isolated adult rat cardiomyocytes (419) 255
- Young, I.G. see D.A. Jans (406) 315
- Young, I.G. see D.A. Jans (410) 368
- Young, J.C., C. Schneider and F. Hartl, In vitro evidence that hsp90 contains two independent chaperone sites (418) 139
- Young, P.G. see P. Dibrov (405) 119
- Young, S.P., M. Fahmy and S. Golding, Ceruloplasmin, transferrin and apotransferrin facilitate iron release from human liver cells (411) 93
- Yu, B.P. see J.J. Garcia (408) 297
- Yu, C.-W., J.-H. Chen and L.-Y. Lin, Metal-induced metallothionein gene expression can be inactivated by protein kinase C inhibitor (420) 69
- Yu, H., E.F. Sato, K. Nagata, M. Nishikawa, M. Kashiba, T. Arakawa, K. Kobayashi, T. Tamura and M. Inoue, Oxygen-dependent regulation of the respiration and growth of *Escherichia coli* by nitric oxide (409) 161
- Yu, M., H. Sato, M. Seiki, S. Spiegel and E.W. Thompson, Calcium influx inhibits MT1-MMP processing and blocks MMP-2 activation (412) 568
- Yu, Y.G. see J.-H. Lim (406) 142
- Yuasa, H. see Y. Hayashi (406) 147
- Yuhao, G. see N. Kinto (404) 319
- Yuldasheva, L.N. see C.M.M. Carneiro (416) 187
- Yung, Y., Y. Dolginov, Z. Yao, H. Rubinfeld, D. Michael, T. Hanoch, E. Roubini, Z. Lando, D. Zharhary and R. Seger, Detection of ERK activation by a novel monoclonal antibody (408) 292
- Yuo, A. see M. Shimura (417) 379

## Z

- Zabarovska, V. see V.I. Kashuba (419) 181  
 Zabarovsky, E.R. see V.I. Kashuba (419) 181  
 Zachary, I. see C. Wheeler-Jones (420) 28  
 Zahn, R., C. von Schroetter and K. Wüthrich. Human prion proteins expressed in *Escherichia coli* and purified by high-affinity column refolding (417) 400  
 Zähringer, H., M. Burgert, H. Holzer and S. Nwaka. Neutral trehalase Nth1p of *Saccharomyces cerevisiae* encoded by the *NTH1* gene is a multiple stress responsive protein (412) 615  
 Zajac-Kaye, M. see I. Alexandrov (414) 465  
 Zakai, N. see Y.C. Broder (412) 535  
 Zamparelli, C., A. Ilari, D. Verzili, P. Vecchini and E. Chiancone. Calcium- and pH-linked oligomerization of sorcin causing translocation from cytosol to membranes (409) 1  
 Zamudio, F.Z., G.B. Gurrola, C. Arévalo, R. Sreekumar, J.W. Walker, H.H. Valdivia and L.D. Possani. Primary structure and synthesis of ImperatoxinA (IpTx<sub>A</sub>), a peptide activator of Ca<sup>2+</sup> release channels/ryanodine receptors (405) 385  
 Zamulaeva, I.A., I.V. Lekakh, V.I. Kiseleva, V.L. Gabai, A.S. Saenko, A.S. Shevchenko and A.M. Poverenny. Natural hidden antibodies reacting with DNA or cardiolipin bind to thymocytes and evoke their death (413) 231  
 Zamzami, N. see S. Hortelano (410) 373  
 Zanardi, D. see L. Sturla (412) 126  
 Zanetti, L. see L. Cariello (408) 171  
 Zanetti, M. see M. Scocchi (417) 311  
 Zappia, V. see M. Porcelli (402) 102  
 Zargarov, A.A. see I.I. Senin (408) 251  
 Zarkik, S., E. Decroly, R. Wattiez, N.G. Seidah, A. Burny and J.-M. Ruyschaert. Comparative processing of bovine leukemia virus envelope glycoprotein gp72 by subtilisin/kexin-like mammalian convertases (406) 205  
 Žárský, V., F. Cvrčková, F. Bischoff and K. Palme. *At-GDI1* from *Arabidopsis thaliana* encodes a rab-specific GDP dissociation inhibitor that complements the *sec19* mutation of *Saccharomyces cerevisiae* (403) 303  
 Zatterale, A. see D. Monti (409) 365  
 Zavodny, P.J. see C.A. Lunn (400) 333  
 Zech, S.G., J. Kurreck, H.-J. Eckert, G. Renger, W. Lubitz and R. Bittl. Pulsed EPR measurement of the distance between P<sub>680</sub><sup>+</sup> and Q<sub>A</sub><sup>-</sup> in photosystem II (414) 454  
 Zehnder, A.J.B. see W. Schumacher (409) 421  
 Zedler, J. see J. Schwender (414) 129  
 Zeiner, M. see M. Gebauer (417) 109  
 Zelenin, A.V., V.A. Kolesnikov, O.A. Tarasenko, R.A. Shafiei, I.A. Zelenina, V.V. Mikhailov, M.L. Semenova, D.V. Kovalenko, O.V. Artemyeva, T.E. Ivaschenko, O.V. Evgrafov, G. Dickson and V.S. Baranovand. Bacterial  $\beta$ -galactosidase and human dystrophin genes are expressed in mouse skeletal muscle fibers after ballistic transfection (414) 319  
 Zelenina, I.A. see A.V. Zelenin (414) 319  
 Zenchenko, K.I. see Yu.M. Kokoz (411) 71  
 Zenner, H.-P. see U. Brändle (404) 294  
 Zhai, Z. see Y. Chen (413) 449  
 Zhan, J., M. de Sousa, J.A. Chaddock, L.M. Roberts and J. Lord. Restoration of lectin activity to a non-glycosylated ricin B chain mutant by the introduction of a novel N-glycosylation site (407) 271  
 Zhang, A. see G.A. Morrill (408) 191  
 Zhang, B. see Y. Chen (413) 449  
 Zhang, D.-H. see P. Ray (409) 79  
 Zhang, G.H. and J.E. Melvin. Extracellular Mg<sup>2+</sup> regulates the intracellular Na<sup>+</sup> concentration in rat sublingual acini (410) 387  
 Zhang, H. see J. Lang (419) 13  
 Zhang, H.J. see X.R. Sheng (413) 429  
 Zhang, S. see Y. Okamura-Oho (419) 231  
 Zhang, S.-J. see G. Bronnikov (407) 73  
 Zhang, W., T.E. Smithgall and W.H. Gmeiner. Sequential assignment and secondary structure determination for the Src homology2 domain of hematopoietic cellular kinase (406) 131  
 Zhang, X.-G. see M. Diamant (412) 379  
 Zhang, X.-J. see L. Hong (420) 11  
 Zhang, X.-Q. and R. Chollet. Seryl-phosphorylation of soybean nodule sucrose synthase (nodulin-100) by a Ca<sup>2+</sup>-dependent protein kinase (410) 126  
 Zhang, Z. see M. Ligumsky (413) 436  
 Zhao, C. see I. Lee (400) 158  
 Zhao, C., L. Liaw, I. Hee Lee and R.I. Lehrer. cDNA cloning of Clavanins: antimicrobial peptides of tunicate hemocytes (410) 490  
 Zhao, C., L. Liaw, I.H. Lee and R.I. Lehrer. cDNA cloning of three cecropin-like antimicrobial peptides (Styelins) from the tunicate, *Styela clava* (412) 144  
 Zhao, J., L.A. Vasilets, S.H. Yoshimura, Q. Gu, T. Ishii, K. Takeyasu and W. Schwarz. The Ca<sup>2+</sup>/calmodulin binding domain of the Ca<sup>2+</sup>-ATPase linked to the Na<sup>+</sup>.K<sup>+</sup>-ATPase alters transport stoichiometry (408) 271  
 Zhao, K.-Y. see M.-H. Wang (412) 425  
 Zhao, L.-J. see H.Y.L. Tung (401) 197  
 Zharhary, D. see Y. Yung (408) 292  
 Zheleva, D. see O. Kruse (408) 276  
 Zheng, W. see K. Hong (400) 233  
 Zheng, Y.-Z. see F. Yang (417) 329  
 Zhou, C. see J. Demmer (402) 145  
 Zhou, H. and J.-D. Vassalli. The receptor for urokinase-type plasminogen activator is expressed during mouse spermatogenesis (413) 11  
 Zhou, H. see A.S. Altieri (415) 221  
 Zhou, J.M. see X.M. Pan (402) 25  
 Zhou, J.M. see X.R. Sheng (413) 429  
 Zhou, J.-M. see F. Yang (417) 329  
 Zhou, J.-M., Y.-X. Fan, H. Kihara, K. Kimura and Y. Amemiya. Unfolding of dimeric creatine kinase in urea and guanidine hydrochloride as measured using small angle X-ray scattering with synchrotron radiation (415) 183  
 Zhou, N., L. Paemen, G. Opdenakker and G. Froyen. Cloning and expression in *Escherichia coli* of a human gelatinase B-inhibitory single-chain immunoglobulin variable fragment (scFv) (414) 562  
 Zhou, Y. see X.-Y. Wan (407) 32  
 Zhu, Y. see S.E. Warder (411) 19  
 Zhulin, I.B. see B. Reinhold-Hurek (404) 143  
 Zhuravlev, Yu.N. see G.P. Moiseyev (407) 207  
 Zicca, A. see M. Passalacqua (400) 275  
 Ziganshin, R.H. see E.Yu. Blishechenko (414) 125  
 Ziganshin, R.H. see Yu.M. Kokoz (411) 71  
 Zimmermann, M. see M. Bucher (412) 511  
 Zimmermann, R. see J. Volkmer (406) 291  
 Zimmermann, S. see T. Ehrhardt (409) 166  
 Zimrin, A.B. see T. Hla (414) 419  
 Zinchenko, V. see G. Bronnikov (407) 73  
 Zinovieva, M., C. Fresneau and B. Arrio. Nitrogen source-dependent expression of a 126 kDa protein in the plasma membrane of the cyanobacterium *Synechococcus* PCC 7942 (416) 179  
 Zinovkina, L.A., A.B. Poltarau, O.B. Solovyanova and E.S. Nadezhkina. Chinese hamster protein homologous to human putative protein kinase KIAA0204 is associated with nuclei, microtubules and centrosomes in CHO-K1 cells (414) 135  
 Ziolkowski, A., A.S. Shashkov, A.S. Swierzko, S.N. Senchenkova, F.V. Toukach, M. Cedzynski, K.-I. Amano, W. Kaca and Y.A. Kniel. Structures of the O-antigens of *Proteus* bacilli belonging to OX group (serogroups O1-O3) used in Weil-Felix test (411) 221  
 Zipser, Y., A. Piade and N.S. Kosower. Erythrocyte thiol status regulates band 3 phosphotyrosine level via oxidation/reduction of band 3-associated phosphotyrosine phosphatase (406) 126  
 Zirwer, D. see K. Gast (403) 245  
 Zolotareva, E.K., E.F. Dovbysh, A.F. Tereshchenko and E.B. Onoiko. Synergetic inhibition of photophosphorylation and uncoupled electron transport by *N,N'*-dicyclohexylcarbodiimide and alcohols in pea chloroplasts (412) 375  
 Zolotukhin, A.S. see Y.P. Rubtsov (413) 135  
 Zorec, R. see M. Rupnik (411) 356  
 Zorov, D.B. see B.F. Krasnikov (419) 137  
 Zufferey, R., H. Hennecke and L. Thöny-Meyer. Heme C incorporation into the  $c$ -type cytochromes FixO and FixP is essential for assembly of the *Bradyrhizobium japonicum* *cbh<sub>3</sub>*-type oxidase (412) 75  
 Zühl, F., E. Seemüller, R. Golbik and W. Baumeister. Dissecting the assembly pathway of the 20S proteasome (418) 189  
 Zühl, F., T. Tamura, I. Dolenc, Z. Cejka, I. Nagy, R. De Mot and W. Baumeister. Subunit topology of the *Rhodococcus* proteasome (400) 83  
 Zwartkruis, F. see J.L. Bos (410) 59