

INDEX TO AUTHORS

A

- Abe, Y., Ueda, T., and Imoto, T. An Improved Method for Preparing Lysozyme with Chemically ^{13}C -Enriched Methionine Residues Using 2-Aminothiophenol as a Reagent of Thiolysis, 1153
- Acil, Y. See *Bätge, Winter, Notbohm, Brinckmann, and Müller*, 109
- Ahmad, I. See *Sonoda, Kita, Ishijima, Ishizuka, and Tatibana*, 635
- Akaboshi, S. See *Une, Konishi, Suzuki, Yoshii, Kuramoto, and Fujimura*, 655
- Akaike, T., Inoue, K., Okamoto, T., Nishino, H., Otagiri, M., Fujii, S., and Maeda, H. Nanomolar Quantification and Identification of Various Nitrosothiols by High Performance Liquid Chromatography Coupled with Flow Reactors of Metals and Griess Reagent, 459
- Akamatsu, T. See *Tsuji, Hine, Tamai, Yonemoto, Mori, Yoshida, Bando, Sakai, Mori, and Matsuda*, 438
- Akanuma, H. See *Aki and Yanagisawa*, 271
- Akasaki, K. See *Tabuchi, Sasaki, Kanda, and Tsuji*, 756
- Aki, T., Yanagisawa, S., and Akanuma, H. Identification and Characterization of Positive Regulatory Elements in the Human Glyceraldehyde 3-Phosphate Dehydrogenase Gene Promoter, 271
- Akiba, S. See *Hayama, Fukuzumi, and Sato*, 1196
- , Nagatomo, R., Hayama, M., and Sato, T. Lipid Peroxide Overcomes the Inability of Platelet Secretory Phospholipase A_2 to Hydrolyze Membrane Phospholipids in Rabbit Platelets, 859
- Amano, H. See *Yamazaki, Hasebe, Shouguchi, Kajiwarra, and Shishido*, 696
- Amano, S., Kawasaki, H., Ishiura, S., Kawashima, S., Suzuki, K., and Emori, Y. Identification of Endogenous Substrates for *Drosophila* Calpain from a Salt-Extracted Fraction of *Drosophila* Ovaries, 865
- Ando, S., Ikuhara, T., Kamata, T., Sasaki, Y., Hisanaga, S., Kishimoto, T., Ito, H., and Inagaki, M. Role of the Pyrrolidine Ring of Proline in Determining the Substrate Specificity of cdc2 Kinase or cdk5, 409
- Ando, Y. See *Yamamoto, Yoshioka, Saito, Tanabe, Shirakawa, and Yoshida*, 586
- Anraku, Y. See *Nakamura, Saiki, and Mogi*, 415
- , See *Kawasaki and Mogi*, 422
- , See *Hirano, Mogi, Tsubaki, Hori, and Orii*, 430
- , See *Uchida, Kusano, Mogi, and Sone*, 1004
- Aoki, N. See *Sato, Taka, Matsuda, and Furukawa*, 1068
- Aoyama, Y. See *Noshiro, Kawamoto, Gotoh, Horiuchi, and Yoshida*, 1114
- , See *Yoshida, Noshiro, Kawamoto, Horiuchi, and Gotoh*, 1122

- Arai, Y., Sugama, T., Hashido, K., Ohishi, S., and Mukai, T. The First Exon of the Rat Aldolase C Gene Is Essential for Restoring the Chromatin Structure in Transgenic Mice, 927
- Araki, K., Imaizumi, T., Okuyama, K., Oike, Y., and Yamamura, K. Efficiency of Recombination by Cre Transient Expression in Embryonic Stem Cells: Comparison of Various Promoters, 977
- Arioka, M. See *Wakatsuki, Ho, Yamasaki, and Kitamoto*, 1146
- Asakawa, S. See *Sumiya, Tobe, Hashimoto, Saguchi, Choi-Miura, Shimizu, Minoshima, Shimizu, and Tomita*, 983
- , See *Kimura, Nakazawa, Tsuchiya, Shimizu, and Yamada*, 1190
- Asano, Y. and Ishihama, A. Identification of Two Nucleotide-Binding Domains on the PB1 Subunit of Influenza Virus RNA Polymerase, 627
- Ashida, T. See *Shirai, Yamane, Hidaka, Kuyama, Suzuki, Ozaki, and Ito*, 683
- Atkins, E.D.T. See *Cantor, Cooper, Fournier, Mason, and Tirrell*, 217
- Atom, H. See *Kanayama, Himeda, Ueda, and Tanaka*, 616
- Au, L.-C. See *Lin, Hsieh, Hsu, Lai, and Kan*, 717
- Aya, H. See *Sugita, Ueno, Ishizuka, and Kawashima*, 309
- Azuma, Y., Hachiya, T., and Nishimoto, T. Inhibition by Anti-RCC1 Monoclonal Antibodies of RCC1-Stimulated Guanine Nucleotide Exchange on Ran GTPase, 1133

B

- Bando, M. See *Tsuji, Hine, Tamai, Yonemoto, Mori, Yoshida, Sakai, Mori, Akamatsu, and Matsuda*, 438
- Barone, G. See *Graziano, Catanzano, and Riccio*, 395
- Bätge, B., Winter, C., Notbohm, H., Acil, Y., Brinckmann, J., and Müller, P.K. Glycosylation of Human Bone Collagen I in Relation to Lysylhydroxylation and Fibril Diameter, 109
- Bowles, M.R., Mulhern, T.D., Gordon, R.B., Inglis, H.R., Sharpe, I.A., Cogill, J.L., and Pond, S.M. Bound Tris Confounds the Identification of Binding Site Residues in a Paraquat Single Chain Antibody, 101
- Brinckmann, J. See *Bätge, Winter, Notbohm, Acil, and Müller*, 109
- Byun, S.-H. See *Morisaki, Sermsuvitayawong, Matsuda, Hidaka, Morisaki, and Mukai*, 939

C

- Cantor, E.J., Atkins, E.D.T., Cooper, S.J., Fournier, M.J., Mason, T.L., and Tirrell, D.A. Effects of Amino Acid Side-Chain Volume on Chain Packing in Genetically Engineered Periodic Polypeptides, 217
- Castagna, L.F. See *Rabinovich, Modesti,*

- Landa, Riera, and Sotomayor*, 365
- Catanzano, F. See *Graziano, Riccio, and Barone*, 395
- Chang, B.-Y. See *Liao, Wen, Wang, Tsai, and Doi*, 911
- Chang, L.-S., Chou, Y.-C., Lin, S.-R., Wu, B.-N., Lin, J., Hong, E., Sun, Y.-J., and Hsiao, C.-D. A Novel Neurotoxin, Cobrotoxin b, from *Naja naja atra* (Taiwan Cobra) Venom: Purification, Characterization, and Gene Organization, 1252
- Chen, I.-L. See *Kang and Cheng*, 173
- Chen, J.C.F., Lin, R.-H., Huang, H.-C., and Tzen, J.T.C. Cloning, Expression, and Isoform Classification of a Minor Oleosin in Sesame Oil Bodies, 819
- Cheng, Y.-W. See *Kang and Chen*, 173
- Chiba, K., Sato, E., and Hoshi, M. Detection of *In Vivo* Proteasome Activity in a Starfish Oocyte Using Membrane-Impermeant Substrate, 286
- Chijiwa, Y. See *Motoshima, Ueda, Masumoto, Hashimoto, and Imoto*, 25
- Choi-Miura, N.-H. See *Sumiya, Asakawa, Tobe, Hashimoto, Saguchi, Shimizu, Minoshima, Shimizu, and Tomita*, 983
- Chou, Y.-C. See *Chang, Lin, Wu, Lin, Hong, Sun, and Hsiao*, 1252
- Cogill, J.L. See *Bowles, Mulhern, Gordon, Inglis, Sharpe, and Pond*, 101
- Cooke, R. See *Wilson, Shull, and Naber*, 563
- Cooper, S.J. See *Cantor, Atkins, Fournier, Mason, and Tirrell*, 217

D

- Dallaire, P. See *Tang, Hoyt, Sykes, O'Connor-McCourt, and Malcolm*, 686
- Doi, R.H. See *Liao, Wen, Wang, Tsai, and Chang*, 911

E

- Ebisui, C. See *Tsuji, Kishibuchi, Yano, Morimoto, Fujita, Ogawa, Shiozaki, Komine, and Monden*, 595
- Eguchi, H., Kaya, S., Shimada, A., Ootomo, Y., Nomoto, K., Kikuchi, M., Usida, Y., and Taniguchi, K. ATP-Induced Dynamic Fluorescence Changes of a *N*-[p-(2-Benzimidazolyl)Phenyl]Maleimide Probe at Cys 241 in the α -Chain of Pig Stomach H^+ K^+ -ATPase, 659
- Emori, Y. See *Amano, Kawasaki, Ishiura, Kawashima, and Suzuki*, 865
- Endo, M. See *Takagaki, Tazawa, Munakata, and Nakamura*, 1129
- Esaki, N. See *Kishimoto, Yoshimura, and Soda*, 1182
- Eversole-Cire, P. See *Hayashida, Jones, and Sasaki*, 901

F

- Fournier, M.J. See *Cantor, Atkins, Cooper, Mason, and Tirrell*, 217
- Fujii, S. See *Akaike, Inoue, Okamoto, Nishino, Otagiri, and Maeda*, 459

F (cont'd)

- Fujii, T., Hiromori, T., Hamamoto, M., and Suzuki, T. Interaction of Chicken Gizzard Smooth Muscle Calponin with Brain Microtubules, 344
- Fujii-Kuriyama, Y. See Kobayashi, Numa-yama-Tsuruta, and Sogawa, 703
- See Sogawa, 1075
- Fujimoto, H. and Mabuchi, I. Isolation of Cleavage Furrows from Eggs of Regular Sea Urchins and Identification of Furrow-Specific Proteins, 518
- Fujimura, K. See Une, Konishi, Suzuki, Akaboshi, Yoshii, and Kuramoto, 655
- Fujino, T., Kang, M.-J., Minekura, H., Suzuki, H., and Yamamoto, T.T. Alternative Translation Initiation Generates Acyl-CoA Synthetase 3 Isoforms with Heterogeneous Amino Termini, 212
- Fujisawa, H. See Kameshita and Ishida, 168
- See Kitani and Okuno, 243
- See Okuno and Kitani, 337, 897
- See Takeuchi, 494
- Fujita, J. See Tsujinaka, Kishibuchi, Yano, Morimoto, Ebisui, Ogawa, Shiozaki, Komimami, and Monden, 595
- Fujita, K., Nagata, K., Ozawa, S., Sasano, H., and Yamazoe, Y. Molecular Cloning and Characterization of Rat ST1B1 and Human ST1B2 cDNAs, Encoding Thyroid Hormone Sulfotransferases, 1052
- Fujiwara, S. See Sato, Kawaguchi, and Tsuzuki, 1224
- Fukasawa, M. See Sakakibara, Kato, Okamura, Nakagawa, Komada, Tominaga, and Shimojo, 122
- Fukushima, Y. See Ushimaru and Shino-hara, 666
- Fukuzumi, M. See Hayama, Akiba, and Sato, 1196
- Furukawa, K. See Sato, Taka, Aoki, and Matsuda, 1068
- G
- Gehrke, L. See MacBeth, Ro, and Patterson, 193
- Gordon, R.B. See Bowles, Mulhern, Inglis, Sharpe, Cogill, and Pond, 101
- Goso, Y., Nakano, S., Sugiyama, N., Tabuchi, Y., Horiuchi, T., and Hotta, K. Immortalized Gastric Epithelial Cell Line GSM06 Synthesizes Hyaluronan under the Influence of Simian Virus 40 Large T-Antigen Expression, 96
- Gotoh, O. See Noshiro, Aoyama, Kawamoto, Horiuchi, and Yoshida, 1114
- See Yoshida, Noshiro, Aoyama, Kawamoto, and Horiuchi, 1122
- Graziano, G., Catanzano, F., Riccio, A., and Barone, G. A Reassessment of the Molecular Origin of Cold Denaturation, 395
- H
- Ha, C.-R. and Iuchi, I. Purification and Partial Characterization of 76 kDa Transglutaminase in the Egg Envelope (Chorion) of Rainbow Trout, *Oncorhynchus mykiss*, 947
- Hachiya, T. See Azuma and Nishimoto, 1133
- Hamamoto, M. See Fujii, Hiromori, and Suzuki, 344
- Hamasaki, N., Okubo, K., Kuma, H., Kang, D., and Yae, Y. Proteolytic Cleavage Sites of Band 3 Protein in Alkali-Treated Membranes: Fidelity of Hydropathy Prediction for Band 3 Protein, 577
- Handa, Y. See Sakamoto and Sone, 764
- Hansen, H. See Riedel, Wang, and Yousaf, 1105
- Harada, K. See Yoshida, 279
- See Sorimachi, Saido, Ono, Kawashima, and Yoshida, 743
- Hase, S. See Ushida, Natsuka, Shimokawa, Takatsu, and Shimamura, 148
- See Kato, Hatanaka, and Mega, 1167
- See Yamashiro, Itoh, Yamagishi, Natsuka, and Mega, 1174
- Hasebe, T. See Yamazaki, Shouguchi, Amano, Kajiwara, and Shishido, 696
- Hashido, K. See Arai, Sugama, Ohishi, and Mukai, 927
- Hashimoto, H., Matsuo, Y., Yokoyama, Y., Toyohara, H., and Sakaguchi, M. Structure and Expression of Carp Mitogen-Activated Protein Kinases Homologous to Mammalian JNK/SAPK, 381
- Hashimoto, K. See Sumiya, Asakawa, Tobe, Saguchi, Choi-Miura, Shimizu, Minoshima, Shimizu, and Tomita, 983
- Hashimoto, Y. See Motoshima, Ueda, Masumoto, Chijiwa, and Imoto, 25
- Hashino, K., Matsushita, H., and Kato, I. Effects of Fibronectin Fragments on DNA Transfection into Mammalian Cells by Electroporation, 490
- Hashizume, T., Nakao, M., Kageura, T., and Sato, T. Sphingosine Enhances Arachidonic Acid Liberation in Response to U46619 through an Increase in Phospholipase A₂ Activity in Rabbit Platelets, 1034
- Hasui, Y. See Uchida and Osawa, 1246
- Hatanaka, K. See Kato, Mega, and Hase, 1167
- Hatanaka, Y. See Suzuki, Nakamura, Kyanoki, Tatsumi, and Taniguchi, 1260
- Hatayama, T., Takahashi, H., and Yamagishi, N. Reduced Induction of HSP70 in PC12 Cells during Neuronal Differentiation, 904
- Hattori, M. See Nakamura and Sakaki, 872
- Hayama, M. See Akiba, Nagatomo, and Sato, 859
- , Akiba, S., Fukuzumi, M., and Sato, T. High Glucose-Induced Cytosolic Phospholipase A₂ Activation Responsible for Eicosanoid Production in Rat Mesangial Cells, 1196
- Hayashi, S. See Sakuma, Higashiyama, Hosoe, and Taniguchi, 474
- Hayashida, T., Eversole-Cire, P., Jones, P.A., and Sasaki, H. Imprinted Genes Are Up-Regulated by Growth Arrest in Embryonic Fibroblasts, 901
- Hidaka, K. See Morisaki, Sermsuwitayawong, Byun, Matsuda, Morisaki, and Mukai, 939
- Hidaka, T. See Shirai, Yamane, Kuyama, Suzuki, Ashida, Ozaki, and Ito, 683
- Higashiyama, S. See Sakuma, Hosoe, Hayashi, and Taniguchi, 474
- , Horikawa, M., Yamada, K., Ichino, N., Nakano, N., Nakagawa, T., Miyagawa, J., Matsushita, N., Nagatsu, T., Taniguchi, N., and Ishiguro, H. A Novel Brain-Derived Member of the Epidermal Growth Factor Family That Interacts with ErbB3 and ErbB4, 675
- Hijikata, M. See Kakiuchi, Komoda, and Shimotohno, 749
- Himeda, Y. See Kanayama, Atomi, Ueda, and Tanaka, 616
- Hine, C. See Tsuji, Tamai, Yonemoto, Mori, Yoshida, Bando, Sakai, Mori, Akamatsu, and Matsuda, 438
- Hiraga, K. See Seeram and Oda, 788
- Hirano, K., Tanaka, A., Yoshizumi, K., Tanaka, T., and Satouchi, K. Properties of Phospholipase A₁/Transacylase in the White Muscle of Bonito *Euthynnus pelamis* (Linnaeus), 1160
- Hirano, T., Mogi, T., Tsubaki, M., Hori, H., Orii, Y., and Anraku, Y. A Novel Chloride-Binding Site Modulates the Heme-Copper Binuclear Center of the *Escherichia coli* bo-Type Ubiquinol Oxidase, 430
- Hiromori, T. See Fujii, Hamamoto, and Suzuki, 344
- Hirose, F. See Takahashi, Yamaguchi, Kobayashi, Miyajima, and Matsuhage, 1215
- Hirose, M. See Onda, Tatsumi, and Takahashi, 83
- See Tatsumi, 300
- Hirotsu, K. See Miura, Setoyama, Nishina, Shiga, Mizutani, and Miyahara, 825
- Hisamatsu, S., Morikawa, Y., Tomita, R., Tanaka, T., Sonoki, S., and Kikuchi, Y. *In Vitro* Activity of the Hairpin Ribozyme Derived from the Negative Strand of Arabis Mosaic Virus Satellite RNA, 352
- Hisanaga, S. See Ando, Ikuhara, Kamata, Sasaki, Kishimoto, Ito, and Inagaki, 409
- Ho, S.-C. See Wakatsuki, Arioka, Yamasaki, and Kitamoto, 1146
- Homma, M.K., Yamasaki, M., Ohmi, S., and Homma, Y. Inhibition of Phosphoinositide Hydrolysis and Cell Growth of Swiss 3T3 Cells by Myristoylated Phospholipase C Inhibitor Peptides, 738
- Homma, Y. See Homma, Yamasaki, and Ohmi, 738
- Hong, E. See Chang, Chou, Lin, Wu, Lin, Sun, and Hsiao, 1252
- Honjo, M., Ishida, T., and Horiike, K. Semi-Micro-Scale Frontal Gel Chromatography of Interacting Systems of a Protein and Small Molecules: Binding of Warfarin, Tryptophan, or FMN to Albumin, and of o-Nitrophenol to Catechol 2,3-Dioxygenase, 258
- Hori, H. See Hirano, Mogi, Tsubaki, Orii, and Anraku, 430
- Hori, K. and Kurotsu, T. Characterization of Gramicidin S Synthetase Aggregation Substance: Control of Gramicidin S Synthesis by Its Product, Gramicidin S, 606
- Horigome, T. See Imai, Sasagawa, Yamamoto, Kikuchi, Sekiya, Ichimura, and Omata, 1024
- Horiike, K. See Kita, Kita, Inaka, Ishida, Nozaki, and Miki, 201
- See Honjo and Ishida, 258
- Horikawa, M. See Higashiyama, Yamada, Ichino, Nakano, Nakagawa, Miyagawa, Matsushita, Nagatsu, Taniguchi, and Ishiguro, 675
- Horiuchi, M., Kurihara, Y., Katahira, M., Maeda, T., Saito, T., and Uesugi, S. Dimer-

H (cont'd)

- ization and DNA Binding Facilitate α -Helix Formation of Max in Solution, 711
 Horiuchi, Tadao. See *Noshiro, Aoyama, Kawamoto, Gotoh, and Yoshida*, 1114
 —. See *Yoshida, Noshiro, Aoyama, Kawamoto, and Gotoh*, 1122
 Horiuchi, Tadashi. See *Goso, Nakano, Sugiyama, Tabuchi, and Hotta*, 96
 Hoshi, M. See *Chiba and Sato*, 286
 Hosoe, S. See *Sakuma, Higashiyama, Hayaishi, and Taniguchi*, 474
 Hotta, K. See *Goso, Nakano, Sugiyama, Tabuchi, and Horiuchi*, 96
 Hoyt, D.W. See *Tang, Dallaire, Sykes, O'Connor-McCourt, and Malcolm*, 686
 Hsiao, C.-D. See *Chang, Chou, Lin, Wu, Lin, Hong, and Sun*, 1252
 Hsieh, S.-H. See *Lin, Hsu, Lai, Kan, and Au*, 717
 Hsu, H.-L. See *Lin, Hsieh, Lai, Kan, and Au*, 717
 Huang, H.-C. See *Chen, Lin, and Tzen*, 819
 Huang, K., Takahara, S., Kinouchi, T., Takeyama, M., Ishida, T., Ueyama, H., Nishi, K., and Ohkubo, I. Alanine Aminopeptidase from Human Seminal Plasma: Purification, Characterization, and Immunohistochemical Localization in the Male Genital Tract, 779

I

- Ichimura, T. See *Imai, Sasagawa, Yamamoto, Kikuchi, Sekiya, Omata, and Horigome*, 1024
 Ichino, N. See *Higashiyama, Horikawa, Yamada, Nakano, Nakagawa, Miyagawa, Matsushita, Nagatsu, Taniguchi, and Ishiguro*, 675
 Igarashi, Y. Functional Roles of Sphingosine, Sphingosine 1-Phosphate, and Methylsphingosines: In Regard to Membrane Sphingolipid Signaling Pathways, 1080
 Iizuka, T. See *Nakata, Nasuda-Kouyama, Isogai, and Kanegasaki*, 188
 —. See *Nasuda-Kouyama, Nakata, and Isogai*, 550
 Ikawa, Y., Okada, A., Imahori, H., Shiraishi, H., and Inoue, T. Identification of the Nucleotides in the A-Rich Bulge of the Tetrahymena Ribozyme Responsible for an Efficient Self-Splicing Reaction, 878
 Ikeda, K. See *Michihara, Sawamura, Nara, and Yamori*, 647
 Ikeda, W. See *Yamamura, Masuda, Tokuyama, Takagi, Shibata, Tatsuta, and Takahashi*, 157
 Ikuhara, T. See *Ando, Kamata, Sasaki, Hisanaga, Kishimoto, Ito, and Inagaki*, 409
 Imagawa, M. See *Xu, Osada, and Nishihara*, 795
 Imahori, H. See *Ikawa, Okada, Shiraishi, and Inoue*, 878
 Imai, N., Sasagawa, S., Yamamoto, A., Kikuchi, F., Sekiya, K., Ichimura, T., Omata, S., and Horigome, T. Characterization of the Binding of Nuclear Envelope Precursor Vesicles and Chromatin, and Purification of the Vesicles, 1024
 Imai, Y. See *Tomita, Tsuyama, and Kitagawa*, 531
 Imaizumi, T. See *Araki, Okuyama, Oike, and Yamamura*, 977
 Imoto, T. See *Motoshima, Ueda, Masumoto, Hashimoto, and Chijiwa*, 25
 —. See *Ohmura, Ueda, Motoshima, and Tamura*, 512
 —. See *Abe and Ueda*, 1153
 Inagaki, F. See *Odaka, Kohda, Lax, and Schlessinger*, 116
 Inagaki, M. See *Ando, Ikuhara, Kamata, Sasaki, Hisanaga, Kishimoto, and Ito*, 409
 —. See *Takizawa, Mizuno, Komatsu, Matsuzawa, Kawamura, Inagaki, and Kikuchi*, 730
 Inagaki, N. See *Takizawa, Mizuno, Komatsu, Matsuzawa, Kawamura, Inagaki, and Kikuchi*, 730
 Inaka, K. See *Kita, Kita, Ishida, Horiike, Nozaki, and Miki*, 201
 Inglis, H.R. See *Bowles, Mulhern, Gordon, Sharpe, Cogill, and Pond*, 101
 Inoue, Katsuhisa. See *Akaike, Okamoto, Nishino, Otagiri, Fujii, and Maeda*, 459
 Inoue, Keizo. See *Kaneda, Takeuchi, and Umeda*, 1233
 Inoue, M. See *Kashiba-Iwatsuki, Kitoh, Kasahara, Yu, Nisikawa, and Matsuo*, 1208
 Inoue, R. See *Nagase, Murakami, Nozaki, Nishito, Tanabe, Usui, and Takeda*, 178
 Inoue, T. See *Ikawa, Okada, Imahori, and Shiraishi*, 878
 Inouye, K., Lee, S.-B., Nambu, K., and Tonomura, B. Effects of pH, Temperature, and Alcohols on the Remarkable Activation of Thermolysin by Salts, 358
 Ishida, A. See *Kameshita and Fujisawa*, 168
 Ishida, N. See *Yoshioka, Sun-Wada, and Kawakita*, 691
 Ishida, T. See *Kita, Kita, Inaka, Horiike, Nozaki, and Miki*, 201
 —. See *Honjo and Horiike*, 258
 —. See *Huang, Takahara, Kinouchi, Takeyama, Ueyama, Nishi, and Ohkubo*, 779
 Ishida, Y. See *Takai, Sako, and Uchida*, 32
 Ishiguro, H. See *Higashiyama, Horikawa, Yamada, Ichino, Nakano, Nakagawa, Miyagawa, Matsushita, Nagatsu, and Taniguchi*, 675
 Ishihama, A. See *Asano*, 627
 Ishihara, T. See *Yorifuji, Naka, Kondo, and Shimizu*, 537
 —. See *Yorifuji, Kondo, Naka, and Shimizu*, 544
 Ishijima, S. See *Sonoda, Kita, Ishizuka, Ahmad, and Tatibana*, 635
 Ishikawa, H. See *Sato*, 41
 Ishima, Y. See *Sugiura, Kodaka, Kondo, Nakane, Kondo, Waku, Watanabe, and Yamamoto*, 890
 Ishiura, S. See *Amano, Kawasaki, Kawashima, Suzuki, and Emori*, 865
 Ishizuka, Tooru. See *Sugita, Aya, Ueno, and Kawashima*, 309
 Ishizuka, Toshiharu. See *Sonoda, Kita, Ishijima, Ahmad, and Tatibana*, 635
 Isogai, Y. See *Nakata, Nasuda-Kouyama, Kanegasaki, and Iizuka*, 188
 —. See *Nasuda-Kouyama, Nakata, and Iizuka*, 550
 Ito, A. See *Shimokata, Nishio, Song, Kitada, and Ogishima*, 1019
 Ito, Hikaru. See *Ando, Ikuhara, Kamata, Sasaki, Hisanaga, Kishimoto, and Inagaki*, 409
 Ito, Hiroshi. See *Urade, Oda, Moriyama, Utsumi, and Kito*, 834
 Ito, K. See *Kabashima, Kitazono, Kitano, and Yoshimoto*, 601
 Ito, M. See *Takizawa, Komatsu, Mizuno, Kawamura, Nakano, and Kikuchi*, 723
 Ito, S. See *Shirai, Yamane, Hidaka, Kuyama, Suzuki, Ashida, and Ozaki*, 683
 Itoh, H. See *Yamashiro, Yamagishi, Natsuka, Mega, and Hase*, 1174
 Iuchi, I. See *Ha*, 947
 Izu, Y. See *Tsunasawa, Miyagi, and Kato*, 843

J

- Jones, P.A. See *Hayashida, Eversole-Cire, and Sasaki*, 901

K

- Kabashima, T., Kitazono, A., Kitano, A., Ito, K., and Yoshimoto, T. Prolyl Aminopeptidase from *Serratia marcescens*: Cloning of the Enzyme Gene and Crystallization of the Expressed Enzyme, 601
 Kaburaki, H. See *Kimura, Miyamoto, Katayama, and Watanabe*, 1046
 Kageura, T. See *Hashizume, Nakao, and Sato*, 1034
 Kaji, H. See *Okuda, Satoh, Sakurai, Shibuya, and Samejima*, 918
 Kajiwar, S. See *Yamazaki, Hasebe, Shou-guchi, Amano, and Shishido*, 696
 Kakinuma, K. See *Tsujita and Shiraishi*, 264
 Kakiuchi, N., Komoda, Y., Hijikata, M., and Shimotohno, K. Cleavage Activity of Hepatitis C Virus Serine Proteinase, 749
 Kamata, T. See *Ando, Ikuhara, Sasaki, Hisanaga, Kishimoto, Ito, and Inagaki*, 409
 Kameshita, I., Ishida, A., and Fujisawa, H. A New Peptide Conjugate as a Highly Specific Substrate for MAP Kinase, 168
 Kan, L.-S. See *Lin, Hsieh, Hsu, Lai, and Au*, 717
 Kanaji, T. See *Maruyama, Nakade, Kanno, and Mikoshiba*, 498
 Kanayama, N., Himeda, Y., Atomi, H., Ueda, M., and Tanaka, A. Expression of Acetoacetyl-CoA Thiolase Isozyme Genes of *n*-Alkane-Assimilating Yeast, *Candida tropicalis*: Isozymes in Two Intracellular Compartments Are Derived from the Same Genes, 616
 Kanda, N. See *Tabuchi, Akasaki, Sasaki, and Tsuji*, 756
 Kaneda, Makoto. See *Yonezawa and Uchikoba*, 294
 Kaneda, Mizuho, Takeuchi, K., Inoue, K., and Umeda, M. Localization of the Phosphatidylserine-Binding Site of Glyceraldehyde-3-Phosphate Dehydrogenase Responsible for Membrane Fusion, 1233
 Kanegasaki, S. See *Nakata, Nasuda-Kouyama, Isogai, and Iizuka*, 188
 Kang, D. See *Hamasaki, Okubo, Kuma, and Yae*, 577
 Kang, J.-J., Chen, I.-L., and Cheng, Y.-W. Induction of Calcium Release from Isolated

K (cont'd)

- Sarcoplasmic Reticulum by Triphenyltin, 173
- Kang, M.-J. See *Fujino, Minekura, Suzuki, and Yamamoto*, 212
- Kanno, T. See *Maruyama, Kanaji, Nakade, and Mikoshiba*, 498
- Kasahara, E. See *Kashiba-Iwatsuki, Kitoh, Yu, Nisikawa, Matsuo, and Inoue*, 1208
- Kashiba-Iwatsuki, M., Kitoh, K., Kasahara, E., Yu, H., Nisikawa, M., Matsuo, M., and Inoue, M. Ascorbic Acid and Reducing Agents Regulate the Fates and Functions of S-Nitrosothiols, 1208
- Katahira, M. See *Sakamoto, Kawai, Kim, Tanaka, Kurihara, Kohno, Watanabe, Yokoyama, Watanabe, and Uesugi*, 556
- See *Horiuchi, Kurihara, Maeda, Saito, and Uesugi*, 711
- See *Kim, Sugiyama, and Uesugi*, 1062
- Katayama, J. See *Kimura, Kaburaki, Miyamoto, and Watanabe*, 1046
- Kato, I. See *Hashino and Matsushita*, 490
- See *Tsunasawa, Izu, and Miyagi*, 843
- Kato, M. See *Sakakibara, Okamura, Nakagawa, Komada, Tominaga, Shimojo, and Fukasawa*, 122
- Kato, S. See *Yokoyama-Kobayashi, Saeki, and Sekine*, 622
- Kato, T., Hatanaka, K., Mega, T., and Hase, S. Purification and Characterization of Endo- β -N-Acetylglucosaminidase from Hen Oviduct, 1167
- Katoh, M. See *Saito, Masumoto, Matsumoto, and Masuho*, 49
- Katsumi, A. See *Tsuzuki, Kojima, Yamazaki, Sugiura, and Saito*, 17
- Kawaguchi, A. See *Watanabe, Yazawa, and Kondo*, 467
- See *Sato, Fujiwara, and Tsuzuki*, 1224
- Kawaguchi, S., Nobe, Y., Yasuoka, J., Wakamiya, T., Kusumoto, S., and Kuramitsu, S. Enzyme Flexibility: A New Concept in Recognition of Hydrophobic Substrates, 55
- Kawai, G. See *Sakamoto, Katahira, Kim, Tanaka, Kurihara, Kohno, Watanabe, Yokoyama, Watanabe, and Uesugi*, 556
- Kawakita, M. See *Yoshioka and Suzuki*, 641
- See *Yoshioka, Sun-Wada, and Ishida*, 691
- Kawamoto, T. See *Noshiro, Aoyama, Gotoh, Horiuchi, and Yoshida*, 1114
- See *Yoshida, Noshiro, Aoyama, Horiuchi, and Gotoh*, 1122
- Kawamura, Satoru. See *Sato*, 1139
- Kawamura, Shuichi. See *Yoshida, Mizukami, and Kitakaze*, 506
- Kawamura, T. See *Takizawa, Komatsu, Mizuno, Ito, Nakano, and Kikuchi*, 723
- See *Takizawa, Mizuno, Komatsu, Matsuzawa, Inagaki, Inagaki, and Kikuchi*, 730
- Kawasaki, H. See *Amano, Ishiura, Kawashima, Suzuki, and Emori*, 865
- Kawasaki, M., Mogi, T., and Anraku, Y. Substitutions of Charged Amino Acid Residues Conserved in Subunit I Perturb the Redox Metal Centers of the *Escherichia coli* *bo*-Type Ubiquinol Oxidase, 422
- Kawasaki, T. See *Ma and Shida*, 810
- Kawashima, K. See *Sugita, Aya, Ueno, and Ishizuka*, 309
- Kawashima, S. See *Sorimachi, Harada, Saido, Ono, and Yoshida*, 743
- See *Amano, Kawasaki, Ishiura, Suzuki, and Emori*, 865
- Kaya, S. See *Eguchi, Shimada, Ootomo, Nomoto, Kikuchi, Usida, and Taniguchi*, 659
- Kayahara, T. See *Ogawa, Tsuda, Mizushima, and Tsuchiya*, 1241
- Kayanoki, Y. See *Suzuki, Nakamura, Hatanaka, Tatsumi, and Taniguchi*, 1260
- Kikuchi, F. See *Imai, Sasagawa, Yamamoto, Sekiya, Ichimura, Omata, and Horigome*, 1024
- Kikuchi, K. See *Takizawa, Komatsu, Mizuno, Kawamura, Ito, and Nakano*, 723
- See *Takizawa, Mizuno, Komatsu, Matsuzawa, Kawamura, Inagaki, and Inagaki*, 730
- Kikuchi, M. See *Eguchi, Kaya, Shimada, Ootomo, Nomoto, Usida, and Taniguchi*, 659
- Kikuchi, Y. See *Hisamatsu, Morikawa, Tomita, Tanaka, and Sonoki*, 352
- Kim, H. See *Song*, 1010
- Kim, M.H. See *Sakamoto, Kawai, Katahira, Tanaka, Kurihara, Kohno, Watanabe, Yokoyama, Watanabe, and Uesugi*, 556
- , Katahira, M., Sugiyama, T., and Uesugi, S. Activation and Repression of the Activity of a Lead Ribozyme by the Combination of Pb²⁺ and Mg²⁺, 1062
- Kimoto, H. and Taketo, A. Initial Stage of DNA-Electrotransfer into *E. coli* Cells, 237
- Kimura, T., Kaburaki, H., Miyamoto, S., Katayama, J., and Watanabe, Y. Discovery of a Novel Thrombopoietin Mimic Agonist Peptide, 1046
- Kimura, Y., Nakazawa, M., Tsuchiya, N., Asakawa, S., Shimizu, N., and Yamada, M. Genomic Organization of the OS-9 Gene Amplified in Human Sarcomas, 1190
- Kinoshita, T., Ohishi, K., and Takeda, J. GPI-Anchor Synthesis in Mammalian Cells: Genes, Their Products, and a Deficiency, 251
- Kinoshita, Y. and Nishigaki, K. Unexpectedly General Replaceability of ATP in ATP-Requiring Enzymes, 205
- Kinouchi, T. See *Huang, Takahara, Takeyama, Ishida, Ueyama, Nishi, and Ohkubo*, 779
- Kishibuchi, M. See *Tsujinaka, Yano, Morimoto, Ebisui, Fujita, Ogawa, Shiozaki, Kominami, and Monden*, 595
- Kishimoto, K., Yoshimura, T., Soda, K., and Esaki, N. Mutation of Arginine 98, Which Serves as a Substrate-Recognition Site of D-Amino Acid Aminotransferase, Can Be Partly Compensated for by Mutation of Tyrosine 88 to an Arginyl Residue, 1182
- Kishimoto, T. See *Ando, Ikuhara, Kamata, Sasaki, Hisanaga, Ito, and Inagaki*, 409
- Kita, A., Kita, S., Inaka, K., Ishida, T., Horiike, K., Nozaki, M., and Miki, K. Crystallization and Preliminary X-Ray Diffraction Studies of Expressed *Pseudomonas putida* Catechol 2,3-Dioxygenase, 201
- Kita, K. See *Sonoda, Ishijima, Ishizuka, Ahmad, and Tatibana*, 635
- Kita, S. See *Kita, Inaka, Ishida, Horiike, Nozaki, and Miki*, 201
- Kitada, S. See *Shimokata, Nishio, Song, Ogishima, and Ito*, 1019
- Kitagawa, T. See *Tomita, Tsuyama, and Imai*, 531
- Kitakaze, M. See *Yoshida, Kawamura, and Mizukami*, 506
- Kitamoto, K. See *Wakatsuki, Ho, Arioka, and Yamasaki*, 1146
- Kitani, T. See *Okuno and Fujisawa*, 337, 897
- , Okuno, S., and Fujisawa, H. Molecular Cloning of Ca²⁺/Calmodulin-Dependent Protein Kinase Kinase β , 243
- Kitano, A. See *Kabashima, Kitazono, Ito, and Yoshimoto*, 601
- Kitazono, A. See *Kabashima, Kitano, Ito, and Yoshimoto*, 601
- Kito, M. See *Urade, Oda, Ito, Moriyama, and Utsumi*, 834
- Kitoh, K. See *Kashiba-Iwatsuki, Kasahara, Yu, Nisikawa, Matsuo, and Inoue*, 1208
- Kobayashi, A., Numayama-Tsuruta, K., Sogawa, K., and Fujii-Kuriyama, Y. CBP/p300 Functions as a Possible Transcriptional Coactivator of Ah Receptor Nuclear Translocator (Arnt), 703
- Kobayashi, J. See *Takahashi, Yamaguchi, Hirose, Miyajima, and Matsukage*, 1215
- Kodaka, T. See *Sugiura, Kondo, Nakane, Kondo, Waku, Ishima, Watanabe, and Yamamoto*, 890
- Koga, Y. See *Nishihara*, 572
- Kohda, D. See *Odaka, Laz, Schlessinger, and Inagaki*, 116
- Kohno, T. See *Sakamoto, Kawai, Katahira, Kim, Tanaka, Kurihara, Watanabe, Yokoyama, Watanabe, and Uesugi*, 556
- Kojima, H., Watanabe, Y., and Numata, O. The Dual Functions of Tetrahymena Citrate Synthase Are Due to the Polymorphism of Its Isoforms, 998
- Kojima, N., Tachida, Y., and Tsuji, S. Two Polysialic Acid Synthases, Mouse ST8Sia II and IV, Synthesize Different Degrees of Polysialic Acids on Different Substrate Glycoproteins in Mouse Neuroblastoma Neuro2a Cells, 1265
- Kojima, T. See *Tsuzuki, Katsumi, Yamazaki, Sugiura, and Saito*, 17
- Komada, Y. See *Sakakibara, Kato, Okamura, Nakagawa, Tominaga, Shimojo, and Fukasawa*, 122
- Komatsu, M. See *Takizawa, Mizuno, Kawamura, Ito, Nakano, and Kikuchi*, 723
- See *Takizawa, Mizuno, Matsuzawa, Kawamura, Inagaki, Inagaki, and Kikuchi*, 730
- Kominami, E. See *Tsujinaka, Kishibuchi, Yano, Morimoto, Ebisui, Fujita, Ogawa, Shiozaki, and Monden*, 595
- Komiyama, M. See *Matsumura*, 387
- Komoda, Y. See *Kakiuchi, Hijikata, and Shimotohno*, 749
- Kondo, H. See *Sugiura, Kodaka, Kondo, Nakane, Waku, Ishima, Watanabe, and Yamamoto*, 890
- Kondo, K. See *Watanabe, Yazawa, and Kawaguchi*, 467
- Kondo, Sachiko. See *Sugiura, Kodaka, Nakane, Kondo, Waku, Ishima, Watanabe, and Yamamoto*, 890

K (cont'd)

- Kondo, Shinya. See *Yorifuji, Ishihara, Naka, and Shimizu*, 537
 —. See *Yorifuji, Naka, Ishihara, and Shimizu*, 544
 Konishi, M. See *Une, Suzuki, Akaboshi, Yoshii, Kuramoto, and Fujimura*, 655
 Kubota, K. See *Oyama*, 64
 Kuchino, Y. See *Nishii, Muramatsu, Yokoyama, and Takahashi*, 402
 Kuma, H. See *Hamasaki, Okubo, Kang, and Yae*, 577
 Kuramitsu, S. See *Kawaguchi, Nobe, Yasuoka, Wakamiya, and Kusumoto*, 55
 Kuramoto, T. See *Une, Konishi, Suzuki, Akaboshi, Yoshii, and Fujimura*, 655
 Kurihara, Y. See *Sakamoto, Kawai, Katahira, Kim, Tanaka, Kohno, Watanabe, Yokoyama, Watanabe, and Uesugi*, 556
 —. See *Horiuchi, Katahira, Maeda, Saito, and Uesugi*, 711
 Kurotsu, T. See *Hori*, 606
 Kusano, T. See *Uchida, Mogi, Anraku, and Sone*, 1004
 Kusumoto, S. See *Kawaguchi, Nobe, Yasuoka, Wakamiya, and Kuramitsu*, 55
 Kuyama, K. See *Shirai, Yamane, Hidaka, Suzuki, Ashida, Ozaki, and Ito*, 683
- L
 Lai, M.-Y. See *Lin, Hsieh, Hsu, Kan, and Au*, 717
 Landa, C.A. See *Rabinovich, Modesti, Castagna, Riera, and Sotomayor*, 365
 Lax, I. See *Odaka, Kohda, Schlessinger, and Inagaki*, 116
 Lee, S.-B. See *Inouye, Nambu, and Tonomura*, 358
 Li, S., Norioka, S., and Sakiyama, F. Purification, Staphylolytic Activity, and Cleavage Sites of α -Lytic Protease from *Achromobacter lyticus*, 772
 Liao, C.-T., Wen, Y.-D., Wang, W.-H., Tsai, S.-C., Doi, R.H., and Chang, B.-Y. The Importance of a Proper Helical Structure in the Promoter —10 Binding Region to *Bacillus subtilis* σ^A Structure and Function, 911
 Lin, J. See *Chang, Chou, Lin, Wu, Hong, Sun, and Hsiao*, 1252
 Lin, R.-H. See *Chen, Huang, and Tzen*, 819
 Lin, S.-B., Hsieh, S.-H., Hsu, H.-L., Lai, M.-Y., Kan, L.-S., and Au, L.-C. Antisense Oligodeoxynucleotides of IGF-II Selectively Inhibit Growth of Human Hepatoma Cells Overproducing IGF-II, 717
 Lin, S.-R. See *Chang, Chou, Wu, Lin, Hong, Sun, and Hsiao*, 1252
- M
 Ma, Y., Shida, H., and Kawasaki, T. Functional Expression of Human Mannan-Binding Proteins (MBPs) in Human Hepatoma Cell Lines Infected by Recombinant Vaccinia Virus: Post-Translational Modification, Molecular Assembly, and Differentiation of Serum and Liver MBP, 810
 Mabuchi, I. See *Terasaki and Ohnuma*, 226
 —. See *Fujimoto*, 518
 MacBeth, K.J., Ro, Y.-T., Gehrke, L., and Patterson, J.L. Cleavage Site Mapping and Substrate-Specificity of *Leishmaniovirus* 2-1 Capsid Endoribonuclease Activity, 193
 Maeda, H. See *Akaike, Inoue, Okamoto, Nishino, Otogiri, and Fujii*, 459
 Maeda, T. See *Horiuchi, Kurihara, Katahira, Saito, and Uesugi*, 711
 Maeshima, M. See *Takasu, Nakanishi, and Yamauchi*, 883
 Malcolm, B.A. See *Tang, Dallaire, Hoyt, Sykes, and O'Connor-McCourt*, 686
 Maruyama, T., Kanaji, T., Nakade, S., Kanno, T., and Mikoshiba, K. 2-APB, 2-Aminoethoxydiphenyl Borate, a Membrane-Penetrable Modulator of Ins(1,4,5)-P₃-Induced Ca²⁺ Release, 498
 Mason, T.L. See *Cantor, Atkins, Cooper, Fournier, and Tirrell*, 217
 Masuda, H. See *Yamamura, Ikeda, Tokuyama, Takagi, Shibata, Tateuta, and Takahashi*, 157
 Masuho, Y. See *Saito, Katoh, Masumoto, and Matsumoto*, 49
 Masumoto, K. See *Motoshima, Ueda, Hashimoto, Chijiwa, and Imoto*, 25
 Masumoto, M. See *Saito, Katoh, Matsumoto, and Masuho*, 49
 Matsuda, T. See *Sato, Taka, Aoki, and Furukawa*, 1068
 Matsuda, Yoichi. See *Morisaki, Sermusvitayawong, Byun, Hidaka, Morisaki, and Mukai*, 939
 Matsuda, Yoshiko. See *Tsuji, Hine, Tamai, Yonemoto, Mori, Yoshida, Bando, Sakai, Mori, and Akamatsu*, 438
 Matsukage, A. See *Takahashi, Yamaguchi, Hirose, Kobayashi, and Miyajima*, 1215
 Matsumoto, S. See *Saito, Katoh, Masumoto, and Masuho*, 49
 Matsumura, K. and Komiyama, M. Enormously Fast RNA Hydrolysis by Lanthanide(III) Ions under Physiological Conditions: Eminent Candidates for Novel Tools of Biotechnology, 387
 Matsuo, M. See *Kashiba-Iwatsuki, Kitoh, Kasahara, Yu, Nisikawa, and Inoue*, 1208
 Matsuo, Y. See *Hashimoto, Yokoyama, Toyohara, and Sakaguchi*, 381
 Matsushita, N. See *Hashino and Kato*, 490
 Matsushita, N. See *Higashiyama, Horikawa, Yamada, Ichino, Nakano, Nakagawa, Miyagawa, Nagatsu, Taniguchi, and Ishiguro*, 675
 Matsuzawa, H. See *Taguchi and Ohta*, 802
 Matsuzawa, S.-I. See *Takizawa, Mizuno, Komatsu, Kawamura, Inagaki, Inagaki, and Kikuchi*, 730
 Mega, T. See *Kato, Hatanaka, and Hase*, 1167
 —. See *Yamashiro, Itoh, Yamagishi, Natsuka, and Hase*, 1174
 Michihara, A., Sawamura, M., Nara, Y., Ikeda, K., and Yamori, Y. Purification and Characterization of Two Mevalonate Pyrophosphate Decarboxylases from Rat Liver: A Novel Molecular Species of 37 kDa, 647
 Miki, K. See *Kita, Kita, Inaka, Ishida, Horiike, and Nozaki*, 201
 Mikoshiba, K. See *Maruyama, Kanaji, Nakade, and Kanno*, 498
 Minekura, H. See *Fujino, Kang, Suzuki, and Yamamoto*, 212
 Minokoshi, Y. See *Tanishita, Shimizu, and Shimazu*, 90
 Minoshima, S. See *Sumiya, Asakawa, Tobe, Hashimoto, Saguchi, Choi-Miura, Shimizu, Shimizu, and Tomita*, 983
 Miura, R., Setoyama, C., Nishina, Y., Shiga, K., Mizutani, H., Miyahara, I., and Hirotsu, K. Structural and Mechanistic Studies on D-Amino Acid Oxidase-Substrate Complex: Implications of the Crystal Structure of Enzyme-Substrate Analog Complex, 825
 Miyagawa, J. See *Higashiyama, Horikawa, Yamada, Ichino, Nakano, Nakagawa, Matsushita, Nagatsu, Taniguchi, and Ishiguro*, 675
 Miyagi, M. See *Tsunasawa, Izu, and Kato*, 843
 Miyahara, I. See *Miura, Setoyama, Nishina, Shiga, Mizutani, and Hirotsu*, 825
 Miyajima, S. See *Takahashi, Yamaguchi, Hirose, Kobayashi, and Matsukage*, 1215
 Miyamoto, S. See *Kimura, Kaburaki, Katsuyama, and Watanabe*, 1046
 Miyasako, Y. See *Sakai, Nagatomo, Watanabe, Wakayama, and Moriguchi*, 961
 Miyazaki, Y., Tsunoka, O., and Shishido, K. Determination of the DNA-Binding Sequences of the Zn(II)2Cys6 Zinc-Cluster-Containing PRIB Protein, Derived from the Basidiomycete *Lentinus edodes* Gene, 1088
 Mizukami, Y. See *Yoshida, Kawamura, and Kitakaze*, 506
 Mizuno, Y. See *Takizawa, Komatsu, Kawamura, Ito, Nakano, and Kikuchi*, 723
 —. See *Takizawa, Komatsu, Matsuzawa, Kawamura, Inagaki, Inagaki, and Kikuchi*, 730
 Mizushima, T. See *Ogawa, Kayahara, Tsuda, and Tsuchiya*, 1241
 Mizutani, H. See *Miura, Setoyama, Nishina, Shiga, Miyahara, and Hirotsu*, 825
 Modesti, N.M. See *Rabinovich, Castagna, Landa, Riera, and Sotomayor*, 365
 Mogi, T. See *Nakamura, Saiki, and Anraku*, 415
 —. See *Kawasaki and Anraku*, 422
 —. See *Hirano, Tsubaki, Hori, Orii, and Anraku*, 430
 —. See *Uchida, Kusano, Anraku, and Sone*, 1004
 Monden, M. See *Tsuji, Hine, Tamai, Yonemoto, Mori, Yoshida, Bando, Sakai, Akamatsu, and Matsuda*, 438
 Mori, Kenji. See *Tsuji, Hine, Tamai, Yonemoto, Mori, Yoshida, Bando, Sakai, Akamatsu, and Matsuda*, 438
 Moriguchi, M. See *Sakai, Miyasako, Nagatomo, Watanabe, and Wakayama*, 961
 Morikawa, Y. See *Hisamatsu, Tomita, Tanaka, Sonoki, and Kikuchi*, 352
 Morimoto, T. See *Tsuji, Hine, Tamai, Yonemoto, Mori, Yoshida, Bando, Sakai, Akamatsu, and Matsuda*, 438
 Morisaki, H. See *Morisaki, Sermusvitayawong, Byun, Matsuda, Hidaka, and Mukai*, 939
 Morisaki, T., Sermusvitayawong, K., Byun,

M (cont'd)

- S.-H., Matsuda, Y., Hidaka, K., Morisaki, H., and Mukai, T. Mouse *Mef2b* Gene: Unique Member of MEF2 Gene Family, 939
- Morita, T. See Yamada, 991
- Moriyama, T. See Urade, Oda, Ito, Utsumi, and Kito, 834
- Motaleb, M.A. See Nomura, Nishiguchi, Takihara, Takagi, Yasunaga, and Shimada, 129
- Motoshima, H. See Ohmura, Ueda, Tamura, and Imoto, 512
- , Ueda, T., Masumoto, K., Hashimoto, Y., Chijiwa, Y., and Imoto, T. Influence of Mutations of the N-Cap Residue, Gly4, on Stability and Structure of Hen Lysozyme, 25
- Müller, P.K. See Bütge, Winter, Notbohm, Acil, and Brinckmann, 109
- Mukai, T. See Arai, Sugama, Hashido, and Ohishi, 927
- , See Morisaki, Sermsuvitayawong, Byun, Matsuda, Hidaka, and Morisaki, 939
- Mulhern, T.D. See Bowles, Gordon, Inglis, Sharpe, Cogill, and Pond, 101
- Munakata, H. See Takagaki, Tazawa, Nakamura, and Endo, 1129
- Murakami, K. See Shin, Shinotsuka, Torii, and Nakayama, 525
- Murakami, T. See Nagase, Nozaki, Inoue, Nishito, Tanabe, Usui, and Takeda, 178
- Muramatsu, H. See Takada, Toriyama, Song, Torii, and Muramatsu, 453
- Muramatsu, Takashi. See Takada, Toriyama, Muramatsu, Song, and Torii, 453
- Muramatsu, Tomonari. See Nishii, Kuchino, Yokoyama, and Takahashi, 402
- Muto, A. See Ushida and Sasamura, 1202
- N
- Naber, N.I. See Wilson, Shull, and Cooke, 563
- Nagamune, T. See Suzuki, Ueda, and Suzuki, 322
- Nagase, T., Murakami, T., Nozaki, H., Inoue, R., Nishito, Y., Tanabe, O., Usui, H., and Takeda, M. Tissue and Subcellular Distributions, and Characterization of Rat Brain Protein Phosphatase 2A Containing a 72-kDa δ/B' Subunit, 178
- Nagata, K. See Fujita, Ozawa, Sasano, and Yamazoe, 1052
- Nagatomo, H. See Sakai, Miyasako, Watanabe, Wakayama, and Moriguchi, 961
- Nagatomo, R. See Akiba, Hayama, and Sato, 859
- Nagatsu, T. See Higashiyama, Horikawa, Yamada, Ichino, Nakano, Nakagawa, Miyagawa, Matsushita, Taniguchi, and Ishiguro, 675
- Naka, T. See Yorifuji, Ishihara, Kondo, and Shimizu, 537
- , See Yorifuji, Kondo, Ishihara, and Shimizu, 544
- Nakade, S. See Maruyama, Kanaji, Kanno, and Mikoshiba, 498
- Nakagawa, H. See Tachikawa, Terasaki, Mori, and Ohashi, 314
- Nakagawa, Takatoshi. See Higashiyama, Horikawa, Yamada, Ichino, Nakano, Miyagawa, Matsushita, Nagatsu, Taniguchi, and Ishiguro, 675
- Nakagawa, Tomoko. See Sakakibara, Kato, Okamura, Komada, Tominaga, Shimojo, and Fukasawa, 122
- Nakamura, A., Hattori, M., and Sakaki, Y. Isolation of a Novel Human Gene from the Down Syndrome Critical Region of Chromosome 21q22.2, 872
- Nakamura, H., Saiki, K., Mogi, T., and Anraku, Y. Assignment and Functional Roles of the *cyoABCDE* Gene Products Required for the *Escherichia coli* *bo*-Type Quinol Oxidase, 415
- Nakamura, M. See Suzuki, Hatanaka, Kayanoki, Tatsumi, and Taniguchi, 1260
- Nakamura, T. See Takagaki, Tazawa, Munakata, and Endo, 1129
- Nakane, S. See Sugiura, Kodaka, Kondo, Kondo, Waku, Ishima, Watanabe, and Yamamoto, 890
- Nakanishi, Y. See Takasu, Yamauchi, and Maeshima, 883
- Nakano, N. See Higashiyama, Horikawa, Yamada, Ichino, Nakagawa, Miyagawa, Matsushita, Nagatsu, Taniguchi, and Ishiguro, 675
- Nakano, S. See Goso, Sugiyama, Tabuchi, Horiuchi, and Hotta, 96
- Nakano, T. See Takizawa, Komatsu, Mizuno, Kawamura, Ito, and Kikuchi, 723
- Nakao, M. See Hashizume, Kageura, and Sato, 1034
- Nakata, M. See Nasuda-Kouyama, Iizuka, and Isogai, 550
- , Nasuda-Kouyama, A., Isogai, Y., Kanegasaki, S., and Iizuka, T. Effect of Aromatic Nitroso-Compounds on Superoxide-Generating Activity in Neutrophils, 188
- Nakatani, T., Suzuki, Y., Yamamoto, T., and Sinohara, H. Molecular Cloning and Sequencing of cDNAs Encoding Three Heavy-Chain Precursors of the Inter- α -Trypsin Inhibitor in Syrian Hamster: Implications for the Evolution of the Inter- α -Trypsin Inhibitor Heavy Chain Family, 71
- Nakayama, K. See Shin, Shinotsuka, Torii, and Murakami, 525
- Nakazawa, K., Takahashi, I., Ohno, Y., and Sato, M. Modification of Proteoglycan Synthesis by Corneal Stromal Cells on Co-Culture with Either Epithelial or Endothelial Cells, 851
- Nakazawa, M. See Kimura, Tsuchiya, Asakawa, Shimizu, and Yamada, 1190
- Nambu, K. See Inouye, Lee, and Tonomura, 358
- Nara, Y. See Michihara, Sawamura, Ikeda, and Yamori, 647
- Nasuda-Kouyama, A. See Nakata, Isogai, Kanegasaki, and Iizuka, 188
- , Nakata, M., Iizuka, T., and Isogai, Y. Mechanisms of Nitroso Compound-Induced Inhibition of Superoxide Generation in Neutrophils: Fluorescence Quenching of Perylene by Nitroso-Compounds in the Membrane Fractions of Neutrophils, 550
- Natsuka, S. See Ushida, Shimokawa, Takatsu, Shimamura, and Hase, 148
- , See Yamashiro, Itoh, Yamagishi, Mega, and Hase, 1174
- Nishi, K. See Huang, Takahara, Kinouchi, Takeyama, Ishida, Ueyama, and Ohkubo, 779
- Nishigaki, K. See Kinoshita, 205
- Nishiguchi, S. See Nomura, Motaleb, Takihara, Takagi, Yasunaga, and Shimada, 129
- Nishihara, M. and Koga, Y. Purification and Properties of *sn*-Glycerol-1-Phosphate Dehydrogenase from *Methanobacterium thermoautotrophicum*: Characterization of the Biosynthetic Enzyme for the Enantiomeric Glycerophosphate Backbone of Ether Polar Lipids of *Archaea*, 572
- Nishihara, T. See Xu, Osada, and Imagawa, 795
- Nishihira, J. See Suzuki, Sugimoto, and Tanaka, 1040
- Nishii, W., Muramatsu, T., Kuchino, Y., Yokoyama, S., and Takahashi, K. Partial Purification and Characterization of a CAAX-Motif-Specific Protease from Bovine Brain Using a Novel Fluorometric Assay, 402
- Nishimoto, T. See Azuma and Hachiya, 1133
- Nishina, Y. See Miura, Setoyama, Shiga, Mizutani, Miyahara, and Hirotsu, 825
- Nishino, H. See Akaike, Inoue, Okamoto, Otagiri, Fujii, and Maeda, 459
- Nishio, T. See Shimokata, Song, Kitada, Ogishima, and Ito, 1019
- Nishito, Y. See Nagase, Murakami, Nozaki, Inoue, Tanabe, Usui, and Takeda, 178
- Nisikawa, M. See Kashiba-Iwatsuki, Kitoh, Kasahara, Yu, Matsuo, and Inoue, 1208
- Nobe, Y. See Kawaguchi, Yasuoka, Wakamiya, Kusumoto, and Kuramitsu, 55
- Nomoto, K. See Eguchi, Kaya, Shimada, Ootomo, Kikuchi, Usida, and Taniguchi, 659
- Nomura, M., Nishiguchi, S., Motaleb, M.A., Takihara, Y., Takagi, T., Yasunaga, T., and Shimada, K. A Survey of Genes Expressed in Mouse Embryonal Carcinoma F9 Cells: Characterization of Expressed Sequence Tags Matching No Known Genes, 129
- Norioka, S. See Li and Sakiyama, 772
- Noshiro, M. See Yoshida, Aoyama, Kawamoto, Horiuchi, and Gotoh, 1122
- , Aoyama, Y., Kawamoto, T., Gotoh, O., Horiuchi, T., and Yoshida, Y. Structural and Evolutionary Studies on Sterol 14-De-methylase P450 (CYP51), the Most Conserved P450 Monooxygenase: I. Structural Analyses of the Gene and Multiple Sizes of mRNA, 1114
- Notbohm, H. See Bütge, Winter, Acil, Brinckmann, and Müller, 109
- Nozaki, H. See Nagase, Murakami, Inoue, Nishito, Tanabe, Usui, and Takeda, 178
- Nozaki, M. See Kita, Kita, Inaka, Ishida, Horiike, and Miki, 201
- Numata, O. See Kojima and Watanabe, 998
- Numayama-Tsuruta, K. See Kobayashi, Sogawa, and Fujii-Kuriyama, 703
- O
- O'Connor-McCourt, M. See Tang, Dallaire, Hoyt, Sykes, and Malcolm, 686
- Oda, K. See Seeram and Hiraga, 788
- Oda, T. See Urade, Ito, Moriyama, Utsumi, and Kito, 834
- Odaka, M., Kohda, D., Lax, I., Schlessinger,

O (cont'd)

- J., and Inagaki, F. Ligand-Binding Enhances the Affinity of Dimerization of the Extracellular Domain of the Epidermal Growth Factor Receptor, 116
- Ogawa, A. See *Tsujinaka, Kishibuchi, Yano, Morimoto, Ebisui, Fujita, Shiozaki, Komiyama, and Monden*, 595
- Ogawa, T., Shimohigashi, Y., and Ohno, M. Evidence for Functional Involvement of Asparagine 67 in Substrate Recognition by Snake Venom Phospholipases A₂, 955
- Ogawa, W., Kayahara, T., Tsuda, M., Mizushima, T., and Tsuchiya, T. Isolation and Characterization of an *Escherichia coli* Mutant Lacking the Major Serine Transporter, and Cloning of a Serine Transporter Gene, 1241
- Ogishima, T. See *Shimokata, Nishio, Song, Kitada, and Ito*, 1019
- Ohashi, K. See *Tachikawa, Nakagawa, Terasaki, and Mori*, 314
- Ohishi, K. See *Kinoshita and Takeda*, 251
- Ohishi, S. See *Arai, Sugama, Hashido, and Mukai*, 927
- Ohkubo, I. See *Huang, Takahara, Kinouchi, Takeyama, Ishida, Ueyama, and Nishi*, 779
- Ohkuma, Y. Multiple Functions of General Transcription Factors TFIIE and TFIIF in Transcription: Possible Points of Regulation by Trans-Acting Factors, 481
- Ohmi, S. See *Homma, Yamasaki, and Homma*, 738
- Ohmura, T., Ueda, T., Motoshima, H., Tamura, T., and Imoto, T. Analysis of the Stability of Mutant Lysozymes at Position 15 Using X-Ray Crystallography, 512
- Ohno, M. See *Ogawa and Shimohigashi*, 955
- Ohno, Y. See *Nakazawa, Takahashi, and Sato*, 851
- Ohnuma, M. See *Terasaki and Mabuchi*, 226
- Ohta, T. See *Taguchi and Matsuzawa*, 802
- Oike, Y. See *Araki, Imaizumi, Okuyama, and Yamamura*, 977
- Okada, A. See *Ikawa, Imahori, Shiraishi, and Inoue*, 878
- Okamoto, T. See *Akaike, Inoue, Nishino, Otagiri, Fujii, and Maeda*, 459
- Okamura, N. See *Sakakibara, Kato, Nakagawa, Komada, Tominaga, Shimajo, and Fukasawa*, 122
- Okubo, K. See *Hamasaki, Kuma, Kang, and Yae*, 577
- Okuda, M., Satoh, T., Sakurai, N., Shibuya, K., Kaji, H., and Samejima, T. Overexpression in *Escherichia coli* of Chemically Synthesized Gene for Active 0.19 α -Amylase Inhibitor from Wheat Kernel, 918
- Okuno, S. See *Kitani and Fujisawa*, 243
- , Kitani, T., and Fujisawa, H. Studies on the Substrate Specificity of Ca²⁺/Calmodulin-Dependent Protein Kinase Kinase α , 337
- , Kitani, T., and Fujisawa, H. Regulation of Ca²⁺/Calmodulin-Dependent Protein Kinase IV (CaM-Kinase IV) by Changing Its Susceptibility to Phosphorylation by CaM-Kinase Kinases, 897
- Okuyama, K. See *Araki, Imaizumi, Oike, and Yamamura*, 977
- Omata, S. See *Imai, Sasagawa, Yamamoto, Kikuchi, Sekiya, Ichimura, and Horigome*, 1024
- Onda, M., Tatsumi, E., Takahashi, N., and Hirose, M. Refolding of Urea-Denatured Ovalbumin That Comprises Non-Native Disulfide Isomers, 83
- Ono, T. See *Sorimachi, Harada, Saido, Kawashima, and Yoshida*, 743
- Ootomo, Y. See *Eguchi, Kaya, Shimada, Nomoto, Kikuchi, Usida, and Taniguchi*, 659
- Orii, Y. See *Hirano, Mogi, Tsubaki, Hori, and Anraku*, 430
- Osada, S. See *Xu, Imagawa, and Nishihara*, 795
- Osawa, T. See *Uchida and Hasui*, 1246
- Otagiri, M. See *Akaike, Inoue, Okamoto, Nishino, Fujii, and Maeda*, 459
- Oyama, M. and Kubota, K. H⁺ Secretion Induced by Hypertonic Stress in the Cellular Slime Mold *Dictyostelium discoideum*, 64
- Ozaki, K. See *Shirai, Yamane, Hidaka, Kuyama, Suzuki, Ashida, and Ito*, 683
- Ozaki, S. See *Tanaka*, 330
- Ozawa, S. See *Fujita, Nagata, Sasano, and Yamazoe*, 1052
- P
- Patterson, J.L. See *MacBeth, Ro, and Gehrke*, 193
- Pond, S.M. See *Bowles, Mulhern, Gordon, Inglis, Sharpe, and Cogill*, 101
- R
- Rabinovich, G.A., Modesti, N.M., Castagna, L.F., Landa, C.A., Riera, C.M., and Sotomayor, C.E. Specific Inhibition of Lymphocyte Proliferation and Induction of Apoptosis by CLL-I, a β -Galactoside-Binding Lectin, 365
- Riccio, A. See *Graziano, Catanzano, and Barone*, 395
- Riedel, H., Wang, J., Hansen, H., and Yousaf, N. PSM, an Insulin-Dependent, Pro-Rich, PH, SH2 Domain Containing Partner of the Insulin Receptor, 1105
- Riera, C.M. See *Rabinovich, Modesti, Castagna, Landa, and Sotomayor*, 365
- Ro, Y.-T. See *MacBeth, Gehrke, and Patterson*, 193
- S
- Saeki, M. See *Yokoyama-Kobayashi, Sekine, and Kato*, 622
- Saguchi, K. See *Sumiya, Asakawa, Tobe, Hashimoto, Choi-Miura, Shimizu, Minoshima, Shimizu, and Tomita*, 983
- Saido, T.C. See *Sorimachi, Harada, Ono, Kawashima, and Yoshida*, 743
- Saiki, K. See *Nakamura, Mogi, and Anraku*, 415
- Saito, H. See *Tsuzuki, Kojima, Katsumi, Yamazaki, and Sugiura*, 17
- Saito, K. See *Yamamoto, Ando, Yoshioka, Tanabe, Shirakawa, and Yoshida*, 586
- Saito, S., Katoh, M., Masumoto, M., Matsumoto, S., and Masuho, Y. Collagen Degradation Induced by the Combination of IL-1 α and Plasminogen in Rabbit Articular Cartilage Explant Culture, 49
- Saito, T. See *Horiuchi, Kurihara, Katahira, Maeda, and Uesugi*, 711
- Sakaguchi, M. See *Hashimoto, Matsuo, Yokoyama, and Toyohara*, 381
- Sakai, E. See *Tsuji, Hine, Tamai, Yonemoto, Mori, Yoshida, Bando, Mori, Akamatsu, and Matsuda*, 438
- Sakai, K., Miyasako, Y., Nagatomo, H., Watanabe, H., Wakayama, M., and Moriguchi, M. L-Ornithine Decarboxylase from *Hafnia alvei* Has a Novel L-Ornithine Oxidase Activity, 961
- Sakaki, Y. See *Nakamura and Hattori*, 872
- Sakakibara, R., Kato, M., Okamura, N., Nakagawa, T., Komada, Y., Tominaga, N., Shimajo, M., and Fukasawa, M. Characterization of a Human Placental Fructose-6-Phosphate,2-Kinase/Fructose-2,6-Bisphosphatase, 122
- Sakamoto, J. See *Yaginuma, Tsukita, and Sone*, 969
- , Handa, Y., and Sone, N. A Novel Cytochrome b(o/a)₃-Type Oxidase from *Bacillus stearothermophilus* Catalyzes Cytochrome c-551 Oxidation, 764
- Sakamoto, T., Kawai, G., Katahira, M., Kim, M.H., Tanaka, Y., Kurihara, Y., Kohno, T., Watanabe, S., Yokoyama, S., Watanabe, K., and Uesugi, S. Hairpin Structure of an RNA 28-mer, Which Contains a Sequence of the Enzyme Component of a Hammerhead Ribozyme System: Evidence for Tandem G:A Pairs That Are Not of Side-by-Side Type, 556
- Sakiyama, F. See *Li and Norioka*, 772
- Sako, Y. See *Takai, Uchida, and Ishida*, 32
- Sakuma, T., Higashiyama, S., Hosoe, S., Hayashi, S., and Taniguchi, N. CD9 Antigen Interacts with Heparin-Binding EGF-Like Growth Factor through Its Heparin-Binding Domain, 474
- Sakurai, N. See *Okuda, Satoh, Shibuya, Kaji, and Samejima*, 918
- Samejima, T. See *Okuda, Satoh, Sakurai, Shibuya, and Kaji*, 918
- Sasagawa, S. See *Imai, Yamamoto, Kikuchi, Sekiya, Ichimura, Omata, and Horigome*, 1024
- Sasaki, H. See *Hayashida, Eversole-Cire, and Jones*, 901
- Sasaki, T. See *Tabuchi, Akasaki, Kanda, and Tsuji*, 756
- Sasaki, Y. See *Ando, Ikuhara, Kamata, Hisanaga, Kishimoto, Ito, and Inagaki*, 409
- Sasamura, S. See *Ushida and Muto*, 1202
- Sasano, H. See *Fujita, Nagata, Ozawa, and Yamazoe*, 1052
- Sato, E. See *Chiba and Hoshi*, 286
- Sato, M. See *Nakazawa, Takahashi, and Ohno*, 851
- Sato, Naoki. and Kawamura, S. Molecular Mechanism of S-Modulin Action: Binding Target and Effect of ATP, 1139
- Sato, Norihiro, Fujiwara, S., Kawaguchi, A., and Tsuzuki, M. Cloning of a Gene for Chloroplast ω 6 Desaturase of a Green Alga, *Chlamydomonas reinhardtii*, 1224
- Sato, Shigeharu. and Ishikawa, H. Structure and Expression of the *dnakJ* Operon of *Buchnera*, an Intracellular Symbiotic Bacteria of Aphid, 41

S (cont'd)

- Sato, Shigeru. See *Yuasa, Yamamoto, and Takagi*, 374
- Sato, Takashi. See *Akiba, Nagatomo, and Hayama*, 859
- See *Hashizume, Nakao, and Kageura*, 1034
- See *Hayama, Akiba, and Fukuzumi*, 1196
- Sato, Takeshi, Taka, J., Aoki, N., Matsuda, T., and Furukawa, K. Expression of β -N-Acetylgalactosaminylated N-Linked Sugar Chains Is Associated with Functional Differentiation of Bovine Mammary Gland, 1068
- Satoh, T. See *Okuda, Sakurai, Shibuya, Kaji, and Samejima*, 918
- Satouchi, K. See *Hirano, Tanaka, Yoshizumi, and Tanaka*, 1160
- Sawamura, M. See *Michihara, Nara, Ikeda, and Yamori*, 647
- Schlessinger, J. See *Odaka, Kohda, Lax, and Inagaki*, 116
- Seeram, S.S., Hiraga, K., and Oda, K. Re-synthesis of Reactive Site Peptide Bond and Temporary Inhibition of *Streptomyces* Metalloproteinase Inhibitor, 788
- Sekiguchi, T. See *Tsuchiya and Takenaka*, 1092
- Sekine, S. See *Yokoyama-Kobayashi, Saeki, and Kato*, 622
- Sekiya, K. See *Imai, Sasagawa, Yamamoto, Kikuchi, Ichimura, Omata, and Horigome*, 1024
- Sermusvitayawong, K. See *Morisaki, Byun, Matsuda, Hidaka, Morisaki, and Mukai*, 939
- Setoyama, C. See *Miura, Nishina, Shiga, Mizutani, Miyahara, and Hirotsu*, 825
- Sharpe, I.A. See *Bowles, Mulhern, Gordon, Inglis, Cogill, and Pond*, 101
- Shibata, N. See *Yamamura, Masuda, Ikeda, Tokuyama, Takagi, Tatsuta, and Takahashi*, 157
- Shibuya, K. See *Okuda, Satoh, Sakurai, Kaji, and Samejima*, 918
- Shida, H. See *Ma and Kawasaki*, 810
- Shiga, K. See *Miura, Setoyama, Nishina, Mizutani, Miyahara, and Hirotsu*, 825
- Shimada, A. See *Eguchi, Kaya, Ootomo, Nomoto, Kikuchi, Usida, and Taniguchi*, 659
- Shimada, K. See *Nomura, Nishiguchi, Motaleb, Takiyara, Takagi, and Yasunaga*, 129
- Shimamura, S. See *Ushida, Natsuka, Shimokawa, Takatsu, and Hase*, 148
- Shimazu, T. See *Tanishita, Shimizu, and Minokoshi*, 90
- Shimizu, E. See *Yorifuji, Ishihara, Naka, and Kondo*, 537
- See *Yorifuji, Kondo, Naka, and Ishihara*, 544
- Shimizu, N. See *Sumiya, Asakawa, Tobe, Hashimoto, Saguchi, Choi-Miura, Shimizu, Minoshima, and Tomita*, 983
- See *Kimura, Nakazawa, Tsuchiya, Asakawa, and Yamada*, 1190
- Shimizu, Yasutake. See *Tanishita, Minokoshi, and Shimazu*, 90
- Shimizu, Yoshiko. See *Sumiya, Asakawa, Tobe, Hashimoto, Saguchi, Choi-Miura, Minoshima, Shimizu, and Tomita*, 983
- Shimohigashi, Y. See *Ogawa and Ohno*, 955
- Shimojo, M. See *Sakakibara, Kato, Okamura, Nakagawa, Komada, Tominaga, and Fukasawa*, 122
- Shimokata, K., Nishio, T., Song, M.-C., Kitada, S., Ogishima, T., and Ito, A. Substrate Recognition by Mitochondrial Processing Peptidase toward the Malate Dehydrogenase Precursor, 1019
- Shimokawa, Y. See *Ushida, Natsuka, Takatsu, Shimamura, and Hase*, 148
- Shimotohno, K. See *Kakiuchi, Komoda, and Hijikata*, 749
- Shin, H.-W., Shinotsuka, C., Torii, S., Murakami, K., and Nakayama, K. Identification and Subcellular Localization at a Novel Mammalian Dynamin-Related Protein Homologous to Yeast Vps1p and Dnm1p, 525
- Shinohara, Y. See *Ushimaru and Fukushima*, 666
- Shinotsuka, C. See *Shin, Torii, Murakami, and Nakayama*, 525
- Shiozaki, H. See *Tsujinaka, Kishibuchi, Yano, Morimoto, Ebisui, Fujita, Ogawa, Kominami, and Monden*, 595
- Shirai, T., Yamane, T., Hidaka, T., Kuyama, K., Suzuki, A., Ashida, T., Ozaki, K., and Ito, S. Crystallization and Preliminary X-Ray Analysis of a Truncated Family A Alkaline Endoglucanase Isolated from *Bacillus* sp. KSM-635, 683
- Shiraishi, H. See *Ikawa, Okada, Imahori, and Inoue*, 878
- Shiraishi, T. See *Tsujita and Kakinuma*, 264
- Shirakawa, H. See *Yamamoto, Ando, Yoshiooka, Saito, Tanabe, and Yoshida*, 586
- Shishido, K. See *Yamazaki, Hasebe, Shouguchi, Amano, and Kajiwarra*, 696
- See *Miyazaki and Tsunoka*, 1088
- Shouguchi, J. See *Yamazaki, Hasebe, Amano, Kajiwarra, and Shishido*, 696
- Shull, S.E. See *Wilson, Naber, and Cooke*, 563
- Sinohara, H. See *Nakatani, Suzuki, and Yamamoto*, 71
- Soda, K. See *Kishimoto, Yoshimura, and Esaki*, 1182
- Sogawa, K. See *Kobayashi, Numayama-Tsuruta, and Fujii-Kuriyama*, 703
- and *Fujii-Kuriyama*, Y. Ah Receptor, a Novel Ligand-Activated Transcription Factor, 1075
- Sone, N. See *Sakamoto and Handa*, 764
- See *Yaginuma, Tsukita, and Sakamoto*, 969
- See *Uchida, Kusano, Mogi, and Anraku*, 1004
- Song, M. and Kim, H. Stability and Solvent Accessibility of SecA Protein of *Escherichia coli*, 1010
- Song, M.-C. See *Shimokata, Nishio, Kitada, Ogishima, and Ito*, 1019
- Song, X.J. See *Takada, Toriyama, Muramatsu, Torii, and Muramatsu*, 453
- Sonoda, T., Kita, K., Ishijima, S., Ishizuka, T., Ahmad, I., and Tatibana, M. Kinetic and Regulatory Properties of Rat Liver Phosphoribosylpyrophosphate Synthetase Complex Are Partly Distinct from Those of Isolated Recombinant Component Catalytic Subunits, 635
- Sonoki, S. See *Hisamatsu, Morikawa, Tomita, Tanaka, and Kikuchi*, 352
- Sorimachi, Y., Harada, K., Saido, T.C., Ono, T., Kawashima, S., and Yoshida, K. Down-regulation of Calpastatin in Rat Heart after Brief Ischemia and Reperfusion, 743
- Sotomayor, C.E. See *Rabinovich, Modesti, Castagna, Landa, and Riera*, 365
- Sugama, T. See *Arai, Hashido, Ohishi, and Mukai*, 927
- Sugimoto, H. See *Suzuki, Tanaka, and Nishihira*, 1040
- Sugita, T., Aya, H., Ueno, M., Ishizuka, T., and Kawashima, K. Characterization of Molecularly Cloned Human 5-Aminoimidazole-4-Carboxamide Ribonucleotide Transformylase, 309
- Sugiura, I. See *Tsuzuki, Kojima, Katsumi, Yamazaki, and Saito*, 17
- Sugiura, T. See *Yamashita and Waku*, 1
- , Kodaka, T., Kondo, S., Nakane, S., Kondo, H., Waku, K., Ishima, Y., Watanabe, K., and Yamamoto, I. Is the Cannabinoid CB1 Receptor a 2-Arachidonoylglycerol Receptor? Structural Requirements for Triggering a Ca^{2+} Transient in NG108-15 Cells, 890
- Sugiyama, N. See *Goso, Nakano, Tabuchi, Horiuchi, and Hotta*, 96
- Sugiyama, T. See *Kim, Katahira, and Uesugi*, 1062
- Sumiya, J., Asakawa, S., Tobe, T., Hashimoto, K., Saguchi, K., Choi-Miura, N.-H., Shimizu, Y., Minoshima, S., Shimizu, N., and Tomita, M. Isolation and Characterization of the Plasma Hyaluronan-Binding Protein (PHBP) Gene (HABP2), 983
- Sun, Y.-J. See *Chang, Chou, Lin, Wu, Lin, Hong, and Hsiao*, 1252
- Sun-Wada, G.-H. See *Yoshiooka, Ishida, and Kawakita*, 691
- Suzuki, A. See *Shirai, Yamane, Hidaka, Kuyama, Ashida, Ozaki, and Ito*, 683
- Suzuki, C., Ueda, H., Suzuki, E., and Nagamune, T. Construction, Bacterial Expression, and Characterization of Hapten-Specific Single-Chain Fv and Alkaline Phosphatase Fusion Protein, 322
- Suzuki, E. See *Suzuki, Ueda, and Nagamune*, 322
- Suzuki, H. See *Fujino, Kang, Minekura, and Yamamoto*, 212
- Suzuki, Keiichi, Nakamura, M., Hatanaka, Y., Kayanoki, Y., Tatsumi, H., and Taniguchi, N. Induction of Apoptotic Cell Death in Human Endothelial Cells Treated with Snake Venom: Implication of Intracellular Reactive Oxygen Species and Protective Effects of Glutathione and Superoxide Dismutases, 1260
- Suzuki, Koichi. See *Amano, Kawasaki, Ishiura, Kawashima, and Emori*, 865
- Suzuki, M., Sugimoto, H., Tanaka, I., and Nishihira, J. Substrate Specificity for Isomerase Activity of Macrophage Migration Inhibitory Factor and Its Inhibition by Indole Derivatives, 1040
- Suzuki, Taizo. See *Yoshiooka and Kawakita*, 641
- Suzuki, Tatsuo. See *Fujii, Hiromori, and Hamamoto*, 344
- Suzuki, Y. See *Nakatani, Yamamoto, and*

S (cont'd)

- Sinohara, 71
 —. See *Une, Konishi, Akaboshi, Yoshii, Kuramoto, and Fujimura*, 655
 Sykes, B.D. See *Tang, Dallaire, Hoyt, O'Connor-McCourt, and Malcolm*, 686
- T
- Tabuchi, N., Akasaki, K., Sasaki, T., Kanda, N., and Tsuji, H. Identification and Characterization of a Major Lysosomal Membrane Glycoprotein, LGP85/LIMP II in Mouse Liver, 756
 Tabuchi, Y. See *Goso, Nakano, Sugiyama, Horiuchi, and Hotta*, 96
 Tachida, Y. See *Kojima and Tsuji*, 1265
 Tachikawa, M., Nakagawa, H., Terasaki, A.G., Mori, H., and Ohashi, K. A 260-kDa Filamin/ABP-Related Protein in Chicken Gizzard Smooth Muscle Cells Is a New Component of the Dense Plaques and Dense Bodies of Smooth Muscle, 314
 Taguchi, H., Ohta, T., and Matsuzawa, H. Involvement of Glu-264 and Arg-235 in the Essential Interaction between the Catalytic Imidazole and Substrate for the D-Lactate Dehydrogenase Catalysis, 802
 Taka, J. See *Sato, Aoki, Matsuda, and Furukawa*, 1068
 Takada, T., Toriyama, K., Muramatsu, H., Song, X.J., Torii, S., and Muramatsu, T. Midkine, a Retinoic Acid-Inducible Heparin-Binding Cytokine in Inflammatory Responses: Chemotactic Activity to Neutrophils and Association with Inflammatory Synovitis, 453
 Takagaki, K., Tazawa, T., Munakata, H., Nakamura, T., and Endo, M. Effect of Monensin on the Synthesis of β -D-Xyloside-Initiated Glycosaminoglycan and Its Linkage Region Oligosaccharides in Human Skin Fibroblasts, 1129
 Takagi, M. See *Yamamura, Masuda, Ikeda, Tokuyama, Shibata, Tatsuta, and Takahashi*, 157
 Takagi, Takashi. See *Yuasa, Sato, and Yamamoto*, 374
 Takagi, Tatsuya. See *Nomura, Nishiguchi, Motaleb, Takihara, Yasunaga, and Shimada*, 129
 Takahara, S. See *Huang, Kinouchi, Takeyama, Ishida, Ueyama, Nishi, and Ohkubo*, 779
 Takahashi, H. See *Hatayama and Yamagishi*, 904
 Takahashi, I. See *Nakazawa, Ohno, and Sato*, 851
 Takahashi, Katsuhito. See *Yamamura, Masuda, Ikeda, Tokuyama, Takagi, Shibata, and Tatsuta*, 157
 Takahashi, Kenji. See *Nishii, Muramatsu, Kuchino, and Yokoyama*, 402
 Takahashi, N. See *Onda, Tatsumi, and Hirose*, 83
 Takahashi, Y., Yamaguchi, M., Hirose, F., Kobayashi, J., Miyajima, S., and Matsukage, A. Involvement of the DNA Replication-Related Element (DRE) and DRE-Binding Factor (DREF) in Transcriptional Regulation of the *Bombyx mori* PCNA Gene, 1215
 Takai, K., Sako, Y., Uchida, A., and Ishida, Y. Extremely Thermostable Phosphoenolpyruvate Carboxylase from an Extreme Thermophile, *Rhodothermus obamensis*, 32
 Takasu, A., Nakanishi, Y., Yamauchi, T., and Maeshima, M. Analysis of the Substrate Binding Site and Carboxyl Terminal Region of Vacuolar H⁺-Pyrophosphatase of Mung Bean with Peptide Antibodies, 883
 Takatsu, Z. See *Ushida, Natsuka, Shimokawa, Shimamura, and Hase*, 148
 Takeda, J. See *Kinoshita and Ohishi*, 251
 Takeda, M. See *Nagase, Murakami, Nozaki, Inoue, Nishito, Tanabe, and Usui*, 178
 Takenaka, A. See *Tsuchiya and Sekiguchi*, 1092
 Taketo, A. See *Kimoto*, 237
 Takeuchi, K. See *Kaneda, Inoue, and Umeda*, 1233
 Takeuchi, M. and Fujisawa, H. Perinuclear Membrane Localization of α KAP, a Protein Produced from a Gene within the Gene of Calmodulin-Dependent Protein Kinase II α , 494
 Takeyama, M. See *Huang, Takahara, Kinouchi, Ishida, Ueyama, Nishi, and Ohkubo*, 779
 Takihara, Y. See *Nomura, Nishiguchi, Motaleb, Takagi, Yasunaga, and Shimada*, 129
 Takizawa, N., Komatsu, M., Mizuno, Y., Kawamura, T., Ito, M., Nakano, T., and Kikuchi, K. Relationships of Subunits of Type-1 Serine/Threonine Protein Phosphatase to Morphology and Aggregation of B Cells, 723
 Takizawa, N., Mizuno, Y., Komatsu, M., Matsuzawa, S.-I., Kawamura, T., Inagaki, N., Inagaki, M., and Kikuchi, K. Alterations in Type-1 Serine/Threonine Protein Phosphatase PP1 α in Response to B-Cell Receptor Stimulation, 730
 Tamai, Y. See *Tsuji, Hine, Yonemoto, Mori, Yoshida, Bando, Sakai, Mori, Akamatsu, and Matsuda*, 438
 Tamura, T. See *Ohmura, Ueda, Motoshima, and Imoto*, 512
 Tanabe, O. See *Nagase, Murakami, Nozaki, Inoue, Nishito, Usui, and Takeda*, 178
 Tanabe, T. See *Yamamoto, Ando, Yoshioka, Saito, Shirakawa, and Yoshida*, 586
 Tanaka, Atsuo. See *Kanayama, Himeda, Atomi, and Ueda*, 616
 Tanaka, Atsushi and Ozaki, S. Purification and Characterization of β -N-Acetylgalactosaminidase from *Bacillus* sp. AT173-1, 330
 Tanaka, Azumi. See *Hirano, Yoshizumi, Tanaka, and Satouchi*, 1160
 Tanaka, I. See *Suzuki, Sugimoto, and Nishihira*, 1040
 Tanaka, Tamotsu. See *Hirano, Tanaka, Yoshizumi, and Satouchi*, 1160
 Tanaka, Terumichi. See *Hisamatsu, Morikawa, Tomita, Sonoki, and Kikuchi*, 352
 Tanaka, Y. See *Sakamoto, Kawai, Katahira, Kim, Kurihara, Kohno, Watanabe, Yokoyama, Watanabe, and Uesugi*, 556
 Tang, X.-B., Dallaire, P., Hoyt, D.W., Sykes, B.D., O'Connor-McCourt, M., and Malcolm, B.A. Construction of Transforming Growth Factor Alpha (TGF- α) Phage Library and Identification of High Binders of Epidermal Growth Factor Receptor (EGFR) by Phage Display, 686
 Taniguchi, K. See *Eguchi, Kaya, Shimada, Ootomo, Nomoto, Kikuchi, and Usida*, 659
 Taniguchi, N. See *Sakuma, Higashiyama, Hosoe, and Hayashi*, 474
 —. See *Higashiyama, Horikawa, Yamada, Ichino, Nakano, Nakagawa, Miyagawa, Matsushita, Nagatsu, and Ishiguro*, 675
 —. See *Suzuki, Nakamura, Hatanaka, Kayanoki, and Tatsumi*, 1260
 Tanishita, T., Shimizu, Y., Minokoshi, Y., and Shimazu, T. The β_2 -Adrenergic Agonist BRL37344 Increases Glucose Transport into L6 Myocytes through a Mechanism Different from That of Insulin, 90
 Tatibana, M. See *Sonoda, Kita, Ishijima, Ishizuka, and Ahmad*, 635
 Tatsumi, E. See *Onda, Takahashi, and Hirose*, 83
 — and Hirose, M. Highly Ordered Molten Globule-Like State of Ovalbumin at Acidic pH: Native-Like Fragmentation by Protease and Selective Modification of Cys367 with Dithiodipyridine, 300
 Tatsumi, H. See *Suzuki, Nakamura, Hatanaka, Kayanoki, and Taniguchi*, 1260
 Tatsuta, M. See *Yamamura, Masuda, Ikeda, Tokuyama, Takagi, Shibata, and Takahashi*, 157
 Tazawa, T. See *Takagaki, Munakata, Nakamura, and Endo*, 1129
 Terasaki, A.G. See *Tachikawa, Nakagawa, Mori, and Ohashi*, 314
 —, Ohnuma, M., and Mabuchi, I. Identification of Actin-Binding Proteins from Sea Urchin Eggs by F-Actin Affinity Column Chromatography, 226
 Tirrell, D.A. See *Cantor, Atkins, Cooper, Fournier, and Mason*, 217
 Tobe, T. See *Sumiya, Asakawa, Hashimoto, Saguchi, Choi-Miura, Shimizu, Minoshima, Shimizu, and Tomita*, 983
 Tokuyama, T. See *Yamamura, Masuda, Ikeda, Takagi, Shibata, Tatsuta, and Takahashi*, 157
 Tominaga, N. See *Sakakibara, Kato, Okamura, Nakagawa, Komada, Shimojo, and Fukasawa*, 122
 Tomita, M. See *Sumiya, Asakawa, Tobe, Hashimoto, Saguchi, Choi-Miura, Shimizu, Minoshima, and Shimizu*, 983
 Tomita, R. See *Hisamatsu, Morikawa, Tanaka, Sonoki, and Kikuchi*, 352
 Tomita, T., Tsuyama, S., Imai, Y., and Kitagawa, T. Purification of Bovine Soluble Guanylate Cyclase and ADP-Ribosylation on Its Small Subunit by Bacterial Toxins, 531
 Tonomura, B. See *Inouye, Lee, and Nambu*, 358
 Torii, Seiji. See *Shin, Shinotsuka, Murakami, and Nakayama*, 525
 Torii, Shuhei. See *Takada, Toriyama, Muramatsu, Song, and Muramatsu*, 453
 Toriyama, K. See *Takada, Muramatsu, Song, Torii, and Muramatsu*, 453
 Toyohara, H. See *Hashimoto, Matsuo, Yokoyama, and Sakaguchi*, 381
 Tsai, S.-C. See *Liao, Wen, Wang, Doi, and Chang*, 911
 Tsubaki, M. See *Hirano, Mogi, Hori, Orii,*

T (cont'd)

- and Anraku, 430
- Tsuchiya, D., Sekiguchi, T., and Takenaka, A. Crystal Structure of 3-Isopropylmalate Dehydrogenase from the Moderate Facultative Thermophile, *Bacillus coagulans*: Two Strategies for Thermostabilization of Protein Structures, 1092
- Tsuchiya, N. See Kimura, Nakazawa, Asakawa, Shimizu, and Yamada, 1190
- Tsuchiya, T. See Ogawa, Kayahara, Tsuda, and Mizushima, 1241
- Tsuda, M. See Ogawa, Kayahara, Mizushima, and Tsuchiya, 1241
- Tsuji, A., Hine, C., Tamai, Y., Yonemoto, K., Mori, K., Yoshida, S., Bando, M., Sakai, E., Mori, K., Akamatsu, T., and Matsuda, Y. Genomic Organization and Alternative Splicing of Human PACE4 (SPC4), Kexin-Like Processing Endoprotease, 438
- Tsuji, H. See Tabuchi, Akasaki, Sasaki, and Kanda, 756
- Tsuji, S. See Kojima and Tachida, 1265
- Tsujinaka, T., Kishibuchi, M., Yano, M., Morimoto, T., Ebisui, C., Fujita, J., Ogawa, A., Shiozaki, H., Kominami, E., and Monden, M. Involvement of Interleukin-6 in Activation of Lysosomal Cathepsin and Atrophy of Muscle Fibers Induced by Intramuscular Injection of Turpentine Oil in Mice, 595
- Tsujita, K., Shiraishi, T., and Kakinuma, K. Microspectrophotometry of Nitric Oxide-Dependent Changes in Hemoglobin in Single Red Blood Cells Incubated with Stimulated Macrophages, 264
- Tsukita, S. See Yaginuma, Sakamoto, and Sone, 969
- Tsunasawa, S., Izu, Y., Miyagi, M., and Kato, I. Methionine Aminopeptidase from the Hyperthermophilic Archaeon *Pyrococcus furiosus*: Molecular Cloning and Overexpression in *Escherichia coli* of the Gene, and Characteristics of the Enzyme, 843
- Tsunoka, O. See Miyazaki and Shishido, 1088
- Tsuyama, S. See Tomita, Imai, and Kitagawa, 531
- Tsuzuki, M. See Sato, Fujiwara, and Kawaguchi, 1224
- Tsuzuki, S., Kojima, T., Katsumi, A., Yamazaki, T., Sugiura, I., and Saito, H. Molecular Cloning, Genomic Organization, Promoter Activity, and Tissue-Specific Expression of the Mouse Ryudocan Gene, 17
- Tzen, J.T.C. See Chen, Lin, and Huang, 819
- U
- Uchida, Akiko, Kusano, T., Mogi, T., Anraku, Y., and Sone, N. Expression of the *Escherichia coli* bo-Type Ubiquinol Oxidase with a Chimeric Subunit II Having the Cu_A-Cytochrome c Domain from the Thermophilic *Bacillus cald-*Type Cytochrome c Oxidase, 1004
- Uchida, Aritsune. See Takai, Sako, and Ishida, 32
- Uchida, K., Hasui, Y., and Osawa, T. Covalent Attachment of 4-Hydroxy-2-Nonenal to Erythrocyte Proteins, 1246
- Uchikoba, T. See Yonezawa and Kaneda, 294
- Ueda, H. See Suzuki, Suzuki, and Nagamune, 322
- Ueda, M. See Kanayama, Himeda, Atomi, and Tanaka, 616
- Ueda, T. See Motoshima, Masumoto, Hashimoto, Chijiwa, and Imoto, 25
- See Ohmura, Motoshima, Tamura, and Imoto, 512
- See Abe and Imoto, 1153
- Ueno, M. See Sugita, Aya, Ishizuka, and Kawashima, 309
- Uesugi, S. See Sakamoto, Kawai, Katahira, Kim, Tanaka, Kurihara, Kohno, Watanabe, Yokoyama, and Watanabe, 556
- See Horiuchi, Kurihara, Katahira, Maeda, and Saito, 711
- See Kim, Katahira, and Sugiyama, 1062
- Ueyama, H. See Huang, Takahara, Kinouchi, Takeyama, Ishida, Nishi, and Ohkubo, 779
- Umeda, M. See Kaneda, Takeuchi, and Inoue, 1233
- Une, M., Konishi, M., Suzuki, Y., Akaboshi, S., Yoshii, M., Kuramoto, T., and Fujimura, K. Bile Acid Profiles in a Peroxisomal D-3-Hydroxyacyl-CoA Dehydratase/D-3-Hydroxyacyl-CoA Dehydrogenase Bifunctional Protein Deficiency, 655
- Urade, R., Oda, T., Ito, H., Moriyama, T., Utsumi, S., and Kito, M. Functions of Characteristic Cys-Gly-His-Cys (CGHC) and Gln-Glu-Asp-Leu (QEDL) Motifs of Microsomal ER-60 Protease, 834
- Ushida, C., Sasamura, S., and Muto, A. Probing the Secondary Structure of MCS4 RNA of *Mycoplasma capricolum*, 1202
- Ushida, Y., Natsuka, S., Shimokawa, Y., Takatsu, Z., Shimamura, S., and Hase, S. Structures of the Sugar Chains of Recombinant Macrophage Colony-Stimulating Factor Produced in Chinese Hamster Ovary Cells, 148
- Ushimaru, M., Shinohara, Y., and Fukushima, Y. Non-Hydrated State of the Acyl Phosphate Group in the Phosphorylated Intermediate of (Na⁺, K⁺)-ATPase, 666
- Usida, Y. See Eguchi, Kaya, Shimada, Ootomo, Nomoto, Kikuchi, and Taniguchi, 659
- Usui, H. See Nagase, Murakami, Nozaki, Inoue, Nishito, Tanabe, and Takeda, 178
- Utsumi, S. See Urade, Oda, Ito, Moriyama, and Kito, 834
- W
- Wakamiya, T. See Kawaguchi, Nobe, Yasuoka, Kusumoto, and Kuramitsu, 55
- Wakatsuki, S., Ho, S.-C., Arioka, M., Yamazaki, M., and Kitamoto, K. Isolation and Characterization of a 230 kDa Protein (p230) Specifically Expressed in Fetal Brains: Its Involvement in Neurite Outgrowth from Rat Cerebral Cortex Neurons Grown on Monolayer of Astrocytes, 1146
- Wakayama, M. See Sakai, Miyasako, Nagatomo, Watanabe, and Moriguchi, 961
- Waku, K. See Yamashita and Sugiura, 1
- See Sugiura, Kodaka, Kondo, Nakane, Kondo, Ishima, Watanabe, and Yamamoto, 890
- Wang, J. See Riedel, Hansen, and Yousaf, 1105
- Wang, W.-H. See Liao, Wen, Tsai, Doi, and Chang, 911
- Watanabe, H. See Sakai, Miyasako, Nagatomo, Wakayama, and Moriguchi, 961
- Watanabe, Kazuhito. See Sugiura, Kodaka, Kondo, Nakane, Kondo, Waku, Ishima, and Yamamoto, 890
- Watanabe, Kazuo, Yazawa, K., Kondo, K., and Kawaguchi, A. Fatty Acid Synthesis of an Eicosapentaenoic Acid-Producing Bacterium: *De Novo* Synthesis, Chain Elongation, and Desaturation Systems, 467
- Watanabe, Kimitsuna. See Sakamoto, Kawai, Katahira, Kim, Tanaka, Kurihara, Kohno, Watanabe, Yokoyama, and Uesugi, 556
- Watanabe, S. See Sakamoto, Kawai, Katahira, Kim, Tanaka, Kurihara, Kohno, Yokoyama, Watanabe, and Uesugi, 556
- Watanabe, Yoshio. See Kojima and Numata, 998
- Watanabe, Yoshinari. See Kimura, Kaburaki, Miyamoto, and Katayama, 1046
- Wen, Y.-D. See Liao, Wang, Tsai, Doi, and Chang, 911
- Wilson, G.J., Shull, S.E., Naber, N.I., and Cooke, R. Myosin Head Interactions in Ca²⁺-Activated Skinned Rabbit Skeletal Muscle Fibers, 563
- Winter, C. See Bütge, Notbohm, Acil, Brinckmann, and Müller, 109
- Wu, B.-N. See Chang, Chou, Lin, Lin, Hong, Sun, and Hsiao, 1252
- X
- Xu, M., Osada, S., Imagawa, M., and Nishihara, T. Genomic Organization of the Rat Nuclear Factor I-A Gene, 795
- Y
- Yae, Y. See Hamasaki, Okubo, Kuma, and Kang, 577
- Yaginuma, A., Tsukita, S., Sakamoto, J., and Sone, N. Characterization of Two Terminal Oxidases in *Bacillus brevis* and Efficiency of Energy Conservation of the Respiratory Chain, 969
- Yamada, D. and Morita, T. Purification and Characterization of a Ca²⁺-Dependent Prothrombin Activator, Multitrypsinase, from the Venom of *Echis multisquamatus*, 991
- Yamada, K. See Higashiyama, Horikawa, Ichino, Nakano, Nakagawa, Miyagawa, Matsushita, Nagatsu, Taniguchi, and Ishiguro, 675
- Yamada, M. See Kimura, Nakazawa, Tsuchiya, Asakawa, and Shimizu, 1190
- Yamagishi, M. See Yamashiro, Itoh, Natsuka, Mega, and Hase, 1174
- Yamagishi, N. See Hatayama and Takahashi, 904
- Yamaguchi, M. See Takahashi, Hirose, Kobayashi, Miyajima, and Matsukage, 1215
- Yamamoto, Akitsugu. See Imai, Sasagawa, Kikuchi, Sekiya, Ichimura, Omata, and Horigome, 1024
- Yamamoto, Akiko, Ando, Y., Yoshioka, K., Saito, K., Tanabe, T., Shirakawa, H., and Yoshida, M. Difference in Affinity for DNA between HMG Proteins 1 and 2 Deter-

Y (cont'd)

- mined by Surface Plasmon Resonance Measurements, 586
- Yamamoto, H. See *Yuasa, Sato, and Takagi*, 374
- Yamamoto, I. See *Sugiura, Kodaka, Kondo, Nakane, Kondo, Waku, Ishima, and Watanabe*, 890
- Yamamoto, T. See *Nakatani, Suzuki, and Sinohara*, 71
- Yamamoto, T.T. See *Fujino, Kang, Minekura, and Suzuki*, 212
- Yamamura, H., Masuda, H., Ikeda, W., Tokuyama, T., Takagi, M., Shibata, N., Tatsuta, M., and Takahashi, K. Structure and Expression of the Human SM22 α Gene, Assignment of the Gene to Chromosome 11, and Repression of the Promoter Activity by Cytosine DNA Methylation, 157
- Yamamura, K. See *Araki, Imaizumi, Okuyama, and Oike*, 977
- Yamane, T. See *Shirai, Hidaka, Kuyama, Suzuki, Ashida, Ozaki, and Ito*, 683
- Yamasaki, Makari. See *Wakatsuki, Ho, Arioka, and Kitamoto*, 1146
- Yamasaki, Motoo. See *Homma, Ohmi, and Homma*, 738
- Yamashiro, K., Itoh, H., Yamagishi, M., Natsuka, S., Mega, T., and Hase, S. Purification and Characterization of Neutral α -Mannosidase from Hen Oviduct: Studies on the Activation Mechanism of Co²⁺, 1174
- Yamashita, A., Sugiura, T., and Waku, K. Acyltransferases and Transacylases Involved in Fatty Acid Remodeling of Phospholipids and Metabolism of Bioactive Lipids in Mammalian Cells, 1
- Yamauchi, T. See *Takasu, Nakanishi, and Maeshima*, 883
- Yamazaki, Takashi, Hasebe, T., Shouguchi, J., Amano, H., Kajiwara, S., and Shishido, K. Structure and Function in *Escherichia coli* of Plasmids Containing Pyrimidine/Purine-Biased Stretch Originated from the 5'-Flanking Region of the Basidiomycete *ras* Gene, 696
- Yamazaki, Tomio. See *Tsuzuki, Kojima, Katsumi, Sugiura, and Saito*, 17
- Yamazoe, Y. See *Fujita, Nagata, Ozawa, and Sasano*, 1052
- Yamori, Y. See *Michihara, Sawamura, Nara, and Ikeda*, 647
- Yanagisawa, S. See *Aki and Akanuma*, 271
- Yano, M. See *Tsujinaka, Kishibuchi, Morimoto, Ebisui, Fujita, Ogawa, Shiozaki, Kominami, and Monden*, 595
- Yasunaga, T. See *Nomura, Nishiguchi, Motaleb, Takihara, Takagi, and Shimada*, 129
- Yasuoka, J. See *Kawaguchi, Nobe, Wakamiya, Kusumoto, and Kuramitsu*, 55
- Yazawa, K. See *Watanabe, Kondo, and Kawaguchi*, 467
- Yokoyama, S. See *Nishii, Muramatsu, Kuchino, and Takahashi*, 402
- See *Sakamoto, Kawai, Katahira, Kim, Tanaka, Kurihara, Kohno, Watanabe, Watanabe, and Uesugi*, 556
- Yokoyama, Y. See *Hashimoto, Matsuo, Toyohara, and Sakaguchi*, 381
- Yokoyama-Kobayashi, M., Saeki, M., Sekine, S., and Kato, S. Human cDNA Encoding a Novel TGF- β Superfamily Protein Highly Expressed in Placenta, 622
- Yonemoto, K. See *Tsuji, Hine, Tamai, Mori, Yoshida, Bando, Sakai, Mori, Akamatsu, and Matsuda*, 438
- Yonezawa, H., Uchikoba, T., and Kaneda, M. Determination of Pepstatin-Sensitive Carboxyl Proteases by Using Pepstatinyldansyldiaminopropane (Dansyl-Pepstatin) as an Active Site Titrant, 294
- Yorifuji, T., Ishihara, T., Naka, T., Kondo, S., and Shimizu, E. Purification and Characterization of Polyamine Aminotransferase of *Arthrobacter* sp. TMP-1, 537
- Yorifuji, T., Kondo, S., Naka, T., Ishihara, T., and Shimizu, E. Action of Polyamine Aminotransferase on Norspermidine, 544
- Yoshida, K. See *Sorimachi, Harada, Saido, Ono, and Kawashima*, 743
- and Harada, K. Proteolysis of Erythrocyte-Type and Brain-Type Ankyrins in Rat Heart after Postischemic Reperfusion, 279
- , Kawamura, S., Mizukami, Y., and Kikaze, M. Implication of Protein Kinase C- α , δ , and ϵ Isoforms in Ischemic Preconditioning in Perfused Rat Hearts, 506
- Yoshida, M. See *Yamamoto, Ando, Yoshioka, Saito, Tanabe, and Shirakawa*, 586
- Yoshida, S. See *Tsuji, Hine, Tamai, Yonemoto, Mori, Bando, Sakai, Mori, Akamatsu, and Matsuda*, 438
- Yoshida, Y. See *Noshiro, Aoyama, Kawamoto, Gotoh, and Horiuchi*, 1114
- , Noshiro, M., Aoyama, Y., Kawamoto, T., Horiuchi, T., and Gotoh, O. Structural and Evolutionary Studies on Sterol 14-De-methylase P450 (CYP51), the Most Conserved P450 Monooxygenase: II. Evolutionary Analysis of Protein and Gene Structures, 1122
- Yoshii, M. See *Une, Konishi, Suzuki, Akaboshi, Kuramoto, and Fujimura*, 655
- Yoshimoto, T. See *Kabashima, Kitazono, Kitano, and Ito*, 601
- Yoshimura, T. See *Kishimoto, Soda, and Esaki*, 1182
- Yoshioka, K. See *Yamamoto, Ando, Saito, Tanabe, Shirakawa, and Yoshida*, 586
- Yoshioka, S., Sun-Wada, G.-H., Ishida, N., and Kawakita, M. Expression of the Human UDP-Galactose Transporter in the Golgi Membranes of Murine H4-1 Cells That Lack the Endogenous Transporter, 691
- Yoshioka, S., Suzuki, T., and Kawakita, M. Analysis of the Distribution of Na⁺/H⁺ Exchanger Isoforms among the Plasma Membrane Subfractions of Bovine Kidney Cortex: Reevaluation of Methods for Fractionating the Brush-Border and the Basolateral Membranes, 641
- Yoshizumi, K. See *Hirano, Tanaka, Tanaka, and Satouchi*, 1160
- Yousaf, N. See *Riedel, Wang, and Hansen*, 1105
- Yu, H. See *Kashiba-Iwatsuki, Kitoh, Kasehara, Nisikawa, Matsuo, and Inoue*, 1208
- Yuasa, H.J., Sato, S., Yamamoto, H., and Takagi, T. Primary Structure of Troponin I Isoforms from the Ascidian *Halocynthia roretzi*, 374