

Author index to volume 151

- Agranovsky, A.A., see V.V. Dolja 151 (1983) 215
- Ajtai, K. and S. Yu. Venyaminov, CD study of the actin DNase I complex 151 (1983) 94
- Ali, I.U., Phosphorylation of fibronectin in quiescent and growing cell cultures 151 (1982) 45
- Andus, T., V. Gross, T.-A. Tran-Thi and P.C. Heinrich, Synthesis of $\alpha 2$ -macroglobulin in rat hepatocytes and in a cell-free system 151 (1982) 10
- Arvanitopoulou, A., see A. Guialis 151 (1983) 127
- Asano, T., J. Sakakibara and N. Ogasawara, Molecular sizes of photolabeled GABA and benzodiazepine receptor proteins are identical 151 (1983) 277
- Atabekov, J.G., see V.V. Dolja 151 (1983) 215
- Austin, B.M., see R. Thorpe 151 (1983) 105
- Bast, A., J.W. Brenninkmeijer, E.M. Savenije-Chapel and J. Noordhoek, Cytochrome P450 oxidase activity and its role in NADPH-dependent lipid peroxidation 151 (1983) 185
- Beckett, G.J., see K.M. Botham 151 (1982) 19
- Birdsall, B., see F. Franken 151 (1983) 197
- Bitinaite, J., see A. Janulaitis 151 (1983) 243
- Böhme, G., see J.M. Tager 151 (1983) 1
- Bohnensack, R., see J.M. Tager 151 (1983) 1
- Bosch, F., C.J. Ciudad and J.J. Guinovart, Different effects of glucagon and epinephrine on the kinetic properties of liver glycogen synthase 151 (1983) 76
- Botham, K.M., G.S. Boyd, D. Williamson and G.J. Beckett, A radioimmunoassay for tauro- β -muricholic acid suitable for use with isolated rat liver cells 151 (1983) 19
- Boyd, G.S., see K.M. Botham 151 (1983) 19
- Brenninkmeijer, J.W., see A. Bast 151 (1983) 185
- Capron, A., see Ph. Nirde 151 (1983) 223
- Chou, M.-Y., see T. Mizuno 151 (1983) 159
- Ciudad, C.J., see F. Bosch 151 (1983) 76
- Debeire, P., J. Montreuil, B. Samor, C. Mazurier, M. Goudemand, H. van Halbeek and J.F.G. Vliegthart, Structure determination of the major asparagine-linked sugar chain of human factor VIII-von Willebrand factor 151 (1983) 22
- Dekel, N. and I. Sherizly, Induction of maturation in rat follicle-enclosed oocyte by forskolin 151 (1983) 153
- Deleers, M., M. Gelbecke and W.J. Malaisse, Transport of Pr^{3+} by hypoglycemic sulfonylureas across liposomal membranes 151 (1983) 269
- Deppert, W., see U. Klockmann 151 (1983) 257
- De Reggi, M.L., see Ph. Nirde 151 (1983) 223
- Derwenskus, K.-H. and M. Sprinzl, Interaction of cinnamyl-tRNA^{Phe} with *Escherichia coli* elongation factor Tu 151 (1983) 143
- Diekert, G. and M. Ritter, Purification of the nickel protein carbon monoxide dehydrogenase of *Clostridium thermoaceticum* 151 (1983) 41
- Dietschy, J.M., see K.E. Suckling 151 (1983) 111
- Doenges, K.H., H.P. Zimmerman, M. Flemming and D. Schroeter, In vitro formation of different tubulin polymers from purified tubulin of Ehrlich ascites tumor cells 151 (1983) 286
- Dolja, V.V., A.A. Agranovsky, N.A. Lunina and J.G. Atabekov, Short virion RNA in barley stripe mosaic virus 151 (1983) 215
- Dry, I.B. and J.T. Wiskich, Measurement of in vitro glutamate synthase activity using an oxygen-evolving reconstituted chloroplast system. Evidence for enzyme activation by Mg^{2+} and 2-oxoglutarate 151 (1983) 31
- Dumont, J.E., see F. Miot 151 (1983) 273
- Duszynski, J., see J.M. Tager 151 (1983) 1
- Erneux, C., see F. Miot 151 (1983) 273
- Flemming, M., see K.H. Doenges 151 (1983) 286
- Frankenne, F., G. Maghuin-Rogister, B. Birdsall and G.C.K. Roberts, ¹H-NMR studies of the histidine residues of human choriogonadotropin and its α - and β -subunits 151 (1983) 197
- Fujita, Y., see T. Katsu 151 (1983) 219
- Gelbecke, M., see M. Deleers 151 (1983) 269
- Gensheimer, H.-P., see F. Hofmann 151 (1983) 71
- Glukhova, M.A., see V.E. Koteliatsky 151 (1983) 206
- Gneushev, G.N., see V.E. Koteliatsky 151 (1983) 206
- Goldfine, I.D., see C. Sakamoto 151 (1983) 63
- Goodman, S.R., see V.E. Koteliatsky 151 (1983) 206
- Goudemand, M., see P. Debeire 151 (1983) 22
- Groen, A.K., see J.M. Tager 151 (1983) 1
- Gross, V., see T. Andus 151 (1982) 10

- Gross, V., C. Kaiser, T.-A. Tran-Thi, E. Schmelzer, I. Witt, T.H. Plummer, jr and P.C. Heinrich, N-terminal amino acid sequences of precursor and mature forms of α -1-antitrypsin 151 (1983) 201
- Guialis, A., A. Arvanitopoulou, M. Patrino-Georgoula and C.E. Sekeris, Identification of two discrete ribonucleo-protein particles within the monomer population of rat liver nuclear RNPs 151 (1983) 127
- Guinovart, J.J., see F. Bosch 151 (1983) 76
- Han, M.H., B.-L. Seong, H.-J. Son and T.-I. Mheen, Rifamycin B oxidase from *Mono-cillium* spp., a new type of diphenol oxidase 151 (1983) 36
- Heilig, A. and D. Pette, Changes in transcriptional activity of chronically stimulated fast twitch muscle 151 (1983) 211
- Heinrich, P.C., see T. Andus 151 (1983) 10
- Heinrich, P.C., see V. Gross 151 (1983) 201
- Henis, Y.I. and T.M. Jenkins, Detection of Sendai virus fusion with human erythrocytes by fluorescence photobleaching recovery 151 (1983) 134
- Hidaka, H., see M. Inagaki 151 (1983) 67
- Hirsimäki, P., Vinblastine-induced autophagocytosis: effects on liver glycogen 151 (1983) 89
- Hofmann, F. and H.-P. Gensheimer, Cyclic AMP-dependent protein kinase does not phosphorylate cyclic GMP-dependent protein kinase in vitro 151 (1983) 71
- Hölreigl, B., P. Scherer and P. Renz, Isolation and characterization of the Co-methyl and Co-aquo derivative of 5-hydroxybenzimidazolylcobamide (factor III) from *Methanobacteria barkeri* grown on methanol 151 (1983) 156
- Holmuratov, E.G., see G.K. Kovaleva 151 (1983) 79
- Hozumi, M., see M. Tomida 151 (1983) 281
- Inagaki, M., M. Naka, Y. Nozawa and H. Hidaka, Hydrophobic properties of *Tetrahymena* calmodulin related to the phosphodiesterase activity 151 (1983) 67
- Inouye, M., see T. Mizuno 151 (1983) 159
- Janulaitis, A., J. Bitinaite and B. Jaskelevičienė, A new sequence - specific endonuclease from *Gluconobacter suboxydans* 151 (1983) 243
- Jaskelevičienė, B., see A. Janulaitis 151 (1983) 243
- Jenkins, T.M., see Y.I. Henis 151 (1983) 134
- Jones, H. and W.A. Venables, Effects of solubilisation on some properties of the membrane-bound respiratory enzyme D-amino acid dehydrogenase of *Escherichia coli* 151 (1983) 189
- Kadlecová, L., see J. Kraml 151 (1983) 193
- Kaiser, C., see V. Gross 151 (1983) 201
- Katsu, T., K. Tasaka and Y. Fujita, Compound 48/80-induced permeability change in liposomal membrane 151 (1983) 219
- Kawamoto, S. and M. Tatibana, Arginine activation of *N*-acetylglutamate synthetase in mouse liver: Enhancement of the sensitivity in vivo by parenteral treatment with inhibitors of nucleic acid and protein synthesis 151 (1983) 117
- Kisselev, L.L., see G.K. Kovaleva 151 (1983) 79
- Kitahara, N., see F. Sato 151 (1983) 148
- Kittelberger, R., Z. Palacz, H. von Döhren, J. Salnikow and H. Kleinkauf, Inhibition of gramicidin S synthetase 2 by L-phenylalanine chloromethyl ketone 151 (1983) 248
- Kleinkauf, H., see R. Kittelberger 151 (1983) 248
- Kleppe, K., see I. Sandlie 151 (1983) 237
- Klockmann, U. and W. Deppert, Acylation: a new post-translational modification specific for plasma membrane-associated simian virus 40 large T-antigen 151 (1983) 257
- Kolinská, J., see J. Kraml 151 (1983) 193
- Komaki, R., see S. Shimizu 151 (1983) 303
- Koteliansky, V.E., G.N. Gneushev, A.S. Shar-tava, V.P. Shirinsky, M.A. Glukhova and S.R. Goodman, The regulation by vinculin of filamin, α -actinin, and spectrin tetramer-induced actin sol-gel transformation 151 (1983) 206
- Kovaleva, G.K., E.G. Holmuratov and L.L. Kisselev, Tryptophanyl-tRNA synthetase: Pyrophosphorylation of the enzyme in the course of adenylate formation? 151 (1983) 79
- Kraml, J., J. Kolinská, L. Kadlecová, M. Zákostelecká and Z. Lojda, Analytical isoelectric focusing of rat intestinal brush-border enzymes: Postnatal changes and effect of neuraminidase in vitro 151 (1983) 193
- Kunz, W., see J.M. Tager 151 (1983) 1
- Kuramoto, A., S. Otani, I. Matsui and S. Morisawa, Induction of ornithine decarboxylase by treatment of guinea pig lymphocytes with phospholipase C 151 (1983) 233
- Küster, U., see J.M. Tager 151 (1983) 1
- Lee, A.G., An overlapping site model for the lipid annulae of membrane proteins 151 (1983) 297
- Lesiak, K. and P.F. Torrence, Synthesis and biological activity of a fluorescent analogue of 2-5A 151 (1983) 291
- Letham, D.S., see R.E. Summons 151 (1983) 122
- Letko, G., see J.M. Tager 151 (1983) 1
- Lojda, Z., see J. Kraml 151 (1983) 193
- Lossius, I., see I. Sandlie 151 (1983) 237
- Lunina, N.A., see V.V. Dolja 151 (1983) 215

- Maghuin-Rogister, G., see F. Frankenke 151 (1983) 197
- Malaisse, W.J., see M. Deleers 151 (1983) 269
- Malloy, P.J. and H.C. Reeves, Cyclic AMP-independent phosphorylation of *Escherichia coli* isocitrate dehydrogenase 151 (1983) 59
- Marunouchi, T., see Y.-I. Matsumoto 151 (1983) 139
- Matsui, I., see A. Kuramoto 151 (1983) 233
- Matsumoto, Y.-I., H. Yasuda, T. Marunouchi and M.-A. Yamada, Decrease in uH2A (protein A24) of a mouse temperature-sensitive mutant 151 (1983) 139
- Mazurier, C., see P. Debeire 151 (1983) 22
- Mheen, T.-I., see M.H. Han 151 (1983) 36
- Miot, G., J.E. Dumont and C. Erneux, The involvement of a calmodulin-dependent phosphodiesterase in the negative control of carbamylcholine on cyclic AMP levels in dog thyroid slices 151 (1983) 273
- Mitchell, C.G. and P.D.J. Weitzman, Reversible effects of cross-linking on the regulatory cooperativity of *Acinetobacter* citrate synthase 151 (1983) 260
- Mitchell, C.G. and P.D.J. Weitzman, Proteolysis of *Acinetobacter* citrate synthase by subtilisin 151 (1983) 265
- Mitchell, P. and J. Moyle, Alternative hypotheses of proton ejection in cytochrome oxidase vesicles: transmembrane proton pumping or redox-linked deprotonation of phospholipid-cytochrome c complex(es) 151 (1983) 167
- Mizuno, T., M.-Y. Chou and M. Inouye, DNA sequence of the promoter region of the *ompC* gene and the amino acid sequence of the signal peptide of pro-OmpC protein of *Escherichia coli* 151 (1983) 159
- Montreuil, J., see P. Debeire 151 (1983) 22
- Morisawa, S., see A. Kuramoto 151 (1983) 233
- Moyle, J., see P. Mitchell 151 (1983) 167
- Naka, M., see M. Inagaki 151 (1983) 67
- Nakanishi, Y., K. Otsu and S. Suzuki, Enzymatic transfer of galactosyl phosphate from UDP-galactose to UDP-N-acetylglucosamine 151 (1983) 15
- Nirde, Ph., G. Torpier, M.L. De Reggi and A. Capron, Ecdysone and 20 hydroxyecdysone: new hormones for the human parasite *Schistosoma mansoni* 151 (1983) 223
- Nishimura, M., see Y. Yamamoto 151 (1983) 49
- Noordhoek, J., see A. Bast 151 (1983) 185
- Nozawa, Y., see M. Inagaki 151 (1983) 67
- Ogasawara, N., see T. Asano 151 (1983) 277
- Ohmura, N., see F. Sato 151 (1983) 148
- Otani, S., see A. Kuramoto 151 (1983) 233
- Otsu, K., see Y. Nakanishi 151 (1983) 15
- Palacz, Z., see R. Kittelberger 151 (1983) 248
- Palni, L.M.S., see R.E. Summons 151 (1983) 122
- Paranchych, W., see P.A. Sastry 151 (1983) 253
- Parke, D.V., see T.W. Poole 151 (1983) 27
- Patrinou-Gourgoula, M., see A. Guialis 151 (1983) 127
- Pearlstone, J.R., see P.A. Sastry 151 (1983) 253
- Pette, D., see A. Heilig 151 (1983) 211
- Pintado, E., see J. Wallace 151 (1983) 83
- Plummer, T.H. Jr see V. Gross 151 (1983) 201
- Poole, T.W. and D.V. Parke, Studies on the degranulation test for carcinogens 151 (1983) 27
- Prus, K. and M. Wallin, Characterization of acid and alkaline phosphatase activity in preparations of tubulin and microtubule associated proteins 151 (1983) 54
- Reeves, H.C., see P.J. Malloy 151 (1983) 59
- Renz, P., see V. Höllreigl 151 (1983) 156
- Ritter, M., see G. Diekert 151 (1983) 41
- Roberts, G.C.K., see F. Frankenke 151 (1983) 197
- Rosenbusch, J.P., see I. Yamato 151 (1983) 102
- Sakakibara, J., see T. Asano 151 (1983) 277
- Sakamoto, C., J.A. Williams, K.Y. Wong and I.D. Goldfine, the CCK receptor on pancreatic plasma membranes: Binding characteristics and covalent cross-linking 151 (1983) 63
- Salnikow, J., see R. Kittelberger 151 (1983) 248
- Samor, B., see P. Debeire 151 (1983) 22
- Sandlie, I., I. Lossius, K. Sjøstad and K. Kleppe, Mechanism of caffeine-induced inhibition of DNA synthesis in *Escherichia coli* 151 (1983) 237
- Sastry, P.A., J.R. Pearlstone, L.B. Smillie and W. Paranchych, Amino acid sequence of pilin isolated from *Pseudomonas aeruginosa* PAK 151 (1983) 253
- Sato, F., N. Kitahara, N. Ohmura and K. Tsukada, Translation in vitro and regulation of mouse liver S-adenosylmethionine synthetase messenger RNA 151 (1983) 148
- Savenije-Chapel, E.M., see A. Bast 151 (1983) 185
- Scarpa, A., see J. Wallace 151 (1983) 83
- Scherer, P., see V. Höllreigl 151 (1983) 156
- Schmelzer, E., see V. Gross 151 (1983) 201
- Schroeter, D., see K.H. Doenges 151 (1983) 286
- Sekeris, C.E., see A. Guialis 151 (1983) 127
- Seong, B.-L., see M.H. Han 151 (1983) 36
- Shartava, A.S., see V.E. Kotliansky 151 (1983) 206
- Sherizly, I., see N. Dekel 151 (1983) 153
- Shimada, S., see Y. Yamamoto 151 (1983) 49
- Shimizu, S., R. Komaki, Y. Tani and H. Yamada, A high yield method for the pre-

- parative synthesis of coenzyme A by combination of chemical and enzymic reactions 151 (1983) 303
- Shiokawa, K., Mobilization of maternal mRNA in amphibian eggs with special reference to the possible role of membrane supramolecular structures 151 (1983) 179
- Shirinsky, V.P., see V.E. Koteliansky 151 (1983) 206
- Sjastad, K., see I. Sandlie 151 (1983) 237
- Smillie, L.B., see P.A. Sastry 151 (1983) 253
- Son, H.-J., see M.H. Han 151 (1983) 36
- Spitz, L., see R. Thorpe 151 (1983) 105
- Spitz, M., see R. Thorpe 151 (1983) 105
- Sprinzl, M., see K.-H. Derwenskus 151 (1983) 143
- Stange, E.F., see K.E. Suckling 151 (1983) 111
- Strange, P.G., see M. Wheatley 151 (1983) 97
- Suckling, K.E., E.F. Stange and J.M. Dietschy, Dual modulation of hepatic and intestinal acyl CoA:cholesterol acyltransferase activity by (de)-phosphorylation and substrate supply in vitro 151 (1983) 111
- Summons, R.E., L.M.S. Palni and D.S. Letham, Determination of intact zeatin nucleotide by direct chemical ionisation mass spectrometry 151 (1983) 122
- Surewicz, W.K., Electron spin resonance study on the mechanism of polyethylene glycol-membrane interaction 151 (1983) 228
- Suzuki, S., see Y. Nakanishi 151 (1983) 15
- Tager, J.M., R.J.A. Wanders, A.K. Groen, W. Kunz, R. Bohnensack, U. Küster, G. Letko, G. Bohme, J. Duszynski and L. Wojtczak, Control of mitochondrial respiration 151 (1983) 1
- Tani, Y., see S. Shimizu 151 (1983) 303
- Tasaka, K., see T. Katsu 151 (1983) 219
- Tatibana, M., see S. Kawamoto 151 (1983) 117
- Thorpe, R., L. Spitz and B.M. Austin, Detection and affinity purification of β -endorphin precursors using a monoclonal antibody 151 (1983) 105
- Tomida, M., Y. Yamamoto-Yamaguchi and M. Hozumi, Preparation and neutralization characteristics of an antibody to the factor inducing differentiation of mouse myeloid leukemic cells 151 (1983) 281
- Torpier, G., see Ph. Nirde 151 (1983) 223
- Torrence, P.F., see K. Lcsiak 151 (1983) 291
- Tran-Thi, T.-A., see T. Andus 151 (1983) 10
- Tran-Thi, T.-A., see V. Gross 151 (1983) 201
- Tsukada, K., see F. Sato 151 (1983) 148
- Venables, W.A., see H. Jones 151 (1983) 189
- Van Halbeek, H., see P. Debeire 151 (1983) 22
- Venjaminov, S. Yu., see K. Ajtai 151 (1983) 94
- Vliegenthart, J.F.G., see P. Debeire 151 (1983) 22
- Von Dohren, H., see R. Kittelberger 151 (1983) 248
- Wallace, J., E. Pintado and A. Scarpa, Parathyroid hormone secretion in the absence of extracellular free Ca^{2+} and transmembrane Ca^{2+} influx 151 (1983) 83
- Wallin, M., see K. Prus 151 (1983) 54
- Wanders, R.J.A., see J.M. Tager 151 (1983) 1
- Weitzman, P.D.J., see C.G. Mitchell 151 (1983) 260
- Weitzman, P.D.J., see C.G. Mitchell 151 (1983) 265
- Wheatley, M. and P.G. Strange, Characterisation of brain D2 dopamine receptors solubilised by lysophosphatidylcholine 151 (1983) 97
- Williams, J.A., see C. Sakamoto 151 (1983) 63
- Williamsons, D., see K.M. Botham 151 (1983) 19
- Wiskich, J.T., see I.B. Dry 151 (1983) 31
- Witt, I., see V. Gross 151 (1983) 201
- Wojtczak, L., see J.M. Tager 151 (1983) 1
- Wong, K.Y., see C. Sakamoto 151 (1983) 63
- Yamada, H., see S. Shimizu 151 (1983) 303
- Yamada, M.-A., see Y.-I. Matsumoto 151 (1983) 139
- Yamamoto, Y., S. Shimada, M. Nishimura, Purification and molecular properties of 3 polypeptides released from a highly active O_2 -evolving photosystem-II preparation by Tris-treatment 151 (1983) 49
- Yamamoto-Yamaguchi, Y., see M. Tomida 151 (1983) 281
- Yamato, I. and J.P. Rosenbusch, Dependence on pH of substrate binding to lactose carrier in *Escherichia coli* cytoplasmic membranes 151 (1983) 102
- Yasuda, H., see Y.-I. Matsumoto 151 (1983) 139
- Zákostelecká, M., see J. Kraml 151 (1983) 193
- Zimmermann, H.P., see K.H. Doenges 151 (1983) 286