

AUTHOR INDEX TO VOLUME 72

- Addeo, F., see J.-C. Mercier 72 (1977) 208
- Amphlett, G. W., T. C. Vanaman and S. V. Perry, Effect of the troponin C-like protein from bovine brain (brain modulator protein) on the Mg^{2+} -stimulated ATPase of skeletal muscle actomyosin 72 (1976) 163
- Araki, Y., see K. Nakayama 72 (1976) 287
- Arous, N., see M. C. Garel 72 (1976) 1
- Arous, N., see Y. Blouquit 72 (1976) 5
- Avogadro, A., see F. Feo 72 (1976) 262
- Bahy, C., see J.-M. Chobert 72 (1976) 173
- Barbotin, J. N., Properties of lactate dehydrogenase immobilized in a lipid-protein matrix 72 (1976) 93
- Bates, C. J., Prolyl hydroxylase in platelets 72 (1976) 235
- Battersby, M. K. and G. K. Radda, The stereospecificity of the glucose-6-phosphate binding site of glycogen phosphorylase b 72 (1976) 319
- Bäuerlein, E. see R. Kiehl 72 (1976) 24
- Beloff-Chain, A., see A. J. M. Kits van Heijningen 72 (1976) 58
- Bendall, M. R. and G. Lowe, ^{19}F NMR probes for proteins; *S*-trifluoromethylmercuri-papain 72 (1976) 231
- Beržinskienė, J., see L. Grinius 72 (1976) 151
- Besley, G. T. N., Effect of Triton X-100 on the isoelectric focusing profile of fibroblast sphingomyelinase 72 (1976) 101
- Bever, M. M., J. van Rijn and R. van Wijk, A comparative study on the metabolism of N^6 , O^2 -dibutyryl adenosine 3',5'-monophosphate in various rat hepatoma cell lines in culture 72 (1976) 275
- Blobel, G., see P. N. Campbell 72 (1976) 215
- Blouquit, Y., see M. C. Garel 72 (1976) 1
- Blouquit, Y., N. Arous, P. E. A. Machado, F. Perrone and M. C. Garel, Hb Henri Mondor: $\beta 26$ (B8) Glu→Val: a variant with a substitution localized at the same position as that of Hb E $\beta 26$ Glu→Lys 72 (1976) 5
- Bishop, C. A., see W. S. Hancock 72 (1976) 139
- Brunori, M., see B. Giardina 72 (1976) 159
- Bryła, J. and E. J. Harris, Accumulation of ornithine and citrulline in rat liver mitochondria in relation to citrulline formation 72 (1976) 331
- Buri, J.-F., see O. Civelli 72 (1976) 71
- Campbell, P. N. and G. Blobel, The role of organelles in the chemical modification of the primary translation products of secretory proteins 72 (1976) 215
- Canuto, R. A., see F. Feo 72 (1976) 262
- Čejková, M., see M. Skalka 72 (1976) 271
- Celasco, M., see F. Feo 72 (1976) 262
- Chobert, J.-M., J.-C. Mercier, C. Bahy and G. Haze, Structure primaire du caséinomacropéptide des caséines κ porcine et humaine 72 (1976) 173
- Chobert, J.-M., see J.-C. Mercier 72 (1977) 208

Cid-Dresdner, H., see G. Dresdner	72 (1976) 243
Civelli, O., A. Vincent, J.-F. Buri and K. Scherrer, Evidence for a translational inhibitor linked to globin mRNA in untranslated free cytoplasmic messenger ribonucleoprotein complexes	72 (1976) 71
Corda, M., see G. Floris	72 (1976) 179
Crastes de Paulet, A., see M. Saintot	72 (1976) 238
Creveling, C. R., see A. Rotman	72 (1976) 227
Crippa, M. and E. Long	72 (1976) 67
Curtius, H.-Ch., see B. Zagalak	72 (1976) 29
Dancsházy, Z. and B. Karvaly, Incorporation of bacteriorhodopsin into a bilayer lipid membrane; a photoelectric-spectroscopic study	72 (1976) 136
Dargel, R., see N. Höser	72 (1976) 193
Davis, J. S. and H. Gutfreund, The scope of moderate pressure changes for kinetic and equilibrium studies of biochemical systems	72 (1976) 199
Davies, T. F., see P. M. Povey	72 (1976) 251
Dawczynski, H., see N. Höser	72 (1976) 193
Der Garabedian, A. M. and M. A. der Garabedian, Transamination between ω -amino acids, α,ω -diamino acids and pyridoxal phosphate: formation of aldimines	72 (1976) 87
Der Garabedian, M. A., see A. M. der Garabedian	72 (1976) 87
Descomps, B., see M. Saintot	72 (1976) 238
Dresdner, G. and H. Cid-Dresdner, Tween 20-soluble membrane proteins of <i>Acholeplasma laidlawii</i> . Fractionation in the presence of a Tween 20 concentration slightly above its critical micelle concentration and in the absence of detergent by means of agarose-suspension electrophoresis	72 (1976) 243
Douste-Blazy, L., see M. Plantavid	72 (1976) 169
Douzou, P., see B. Giardina	72 (1976) 159
Duk, M., see E. Lisowska	72 (1976) 327
Dular, U., see I. Suzuki	72 (1976) 117
Endo, A., M. Kuroda and K. Tanzawa, Competitive inhibition of 3-hydroxy-3-methylglutaryl coenzyme A reductase by ML-236A and ML-236B, fungal metabolites having hypo-cholesterolemic activity	72 (1976) 323
Eriksson, U., A. A. Lindberg, H. Jörnvall and H. von Bahr-Lindström, Characterization of the enzymatic tail protein of bacteriophage P22	72 (1976) 15
Fadda, M. B., see G. Floris	72 (1976) 179
Feo, F., R. A. Canuto, R. Garcea, A. Avogadro, M. Villa and M. Celasco, Lipid phase transition and breaks in the Arrhenius plots of membrane-bound enzymes in mitochondria from normal rat liver and hepatoma AH-130	72 (1976) 262
Ferin, J., see B. Teuwissen	72 (1976) 341
Finazzi Agró, A., see G. Floris	72 (1976) 179
Floris, G., M. B. Fadda, M. Pellegrini, M. Corda and A. Finazzi Agró, Purification of pig kidney diamine oxidase by gel-exclusion chromatography	72 (1976) 179
Fujimori, H., M. Ohnishi, M. Sakoda, R. Matsuno and K. Hiromi, Allosteric behavior irrespective of conformational change of enzyme protein. Sigmoidal concentration dependence of rate of action of saccharifying α -amylase on maltose	72 (1976) 283

Garcea, R., see F. Feo	72 (1976) 262
García, A. F., see N. L. Kerber	72 (1976) 63
Garel, M. C., see Y. Blouquit	72 (1976) 5
Garel, M. C., Y. Blouquit, M. L. North, N. Arous and J. Rosa, Hb Strasbourg $\alpha_2\beta_2$ 20 (B2) Val→Asp: a variant at the same locus as Hb Olympia β 20 Val→Met	72 (1976) 1
Giardina, B., M. Brunori, G. Hui Bon Hoa and P. Douzou, Trout hemoglobin: oxygen binding at sub-zero temperatures	72 (1976) 159
Giacomini, P. U., A re-interpretation of the dissociation kinetics of the DNA–RNA poly- merase complex measured by the filter retention assay	72 (1976) 83
Greaser, M. L., see G. M. Strasburg	72 (1976) 11
Grinius, L. and J. Beržinskienė, Studies on DNA transport during bacterial conjugation. Role of protonmotive force-generating H^+ -ATPase and respiratory chain	72 (1976) 151
Gutfreund, H., see J. S. Davis	72 (1976) 199
Hall, R., see P. M. Povey	72 (1976) 251
Halliwell, B., An attempt to demonstrate a reaction between superoxide and hydrogen peroxide	72 (1976) 8
Hancock, W. S., C. A. Bishop and M. T. W. Hearn, High pressure liquid chromatography in the analysis of underivatised peptides using a sensitive and rapid procedure	72 (1976) 139
Harada, I., see T. Takamatsu	72 (1976) 291
Harris, E. J., see J. Bryła	72 (1976) 331
Hayashi, K., see T. Takamatsu	72 (1976) 291
Haze, G., see J.-M. Chobert	72 (1976) 173
Hearn, M. T. W., see W. S. Hancock	72 (1976) 139
Hennecke, H., Use of mutant enzymes to demonstrate the presence of two active sites on phenylalanyl-tRNA synthetase from <i>Escherichia coli</i>	72 (1976) 182
Heywood, S. M., see D. S. Kennedy	72 (1976) 314
Hiromi, K., see H. Fujimori	72 (1976) 283
Hölländer, R., Correlation of the function of demethylmenaquinone in bacterial electron transport with its redox potential	72 (1976) 98
Holmes, N. G., see R. van Grondelle	72 (1976) 187
Höser, N., R. Dargel, H. Dawczynski and K. Winnefeld, Respiration-dependent stimulation by inorganic phosphate of Mg^{2+} release from rat liver mitochondria	72 (1976) 193
Hughes, D. G., S. Hughes and B. E. H. Maden, The pseudouridine content of HeLa cell ribosomal RNA	72 (1976) 304
Hughes, S., see D. G. Hughes	72 (1976) 304
Hui Bon Hoa, G., see B. Giardina	72 (1976) 159
Ikekawa, N., see M. Morisaki	72 (1976) 337
Inoue, Y., Manganese catalyst as a possible cation carrier in thermoluminescence from green plants	72 (1976) 279
Ito, E., see K. Nakayama	72 (1976) 287
Iwasa, T., see F. Tokunaga	72 (1976) 33
Jorda, A., see M. T. Miras Portugal	72 (1976) 267
Jörnvall, H., see U. Eriksson	72 (1976) 15

Kamo, N., M. Muratsugu, K. Kurihara and Y. Kobatake, Change in surface charge density and membrane potential of intact mitochondria during energization	72 (1976) 247
Karvaly, B., see Z. Dancsházy	72 (1976) 136
Kennedy, D. S. and S. M. Heywood, The role of muscle and reticulocyte initiation factor 3 on the translation of myosin and globin messenger RNA in a wheat germ cell-free system	72 (1976) 314
Kerber, N. L., N. L. Pucheu and A. F. García, Isolation of a membrane-bound protein having coupling factor capacity as well as ADP-P _i exchange and ADPase activities from <i>Rhodopseudomonas viridis</i>	72 (1976) 63
Khan, M. S. N. and B. E. H. Maden, Conformation of mammalian 5.8 S ribosomal RNA: S ₁ nuclease as a probe	72 (1976) 105
Kiehl, R. and E. Bäuerlein, The action of lipophilic maleimides in mitochondrial energy transduction	72 (1976) 24
Kits van Heijningen, A. J. M., E. Rath, B. Treijtel, N. Visser, C. Wientjes and A. Beloff-Chain, The insulin-like effects of a glucose metabolite (bis-PEP) from muscle and erythrocytes	72 (1976) 58
Kiyomiya, A., see N. Koyama	72 (1976) 77
Kobatake, Y., see N. Kamo	72 (1976) 247
Kobayashi, Y., see K. Kuratomi	72 (1977) 295
Kowk, S.-C., see I. Suzuki	72 (1976) 117
Koyama, N., A. Kiyomiya and Y. Nosoh, Na ⁺ -dependent uptake of amino acids of an alkalophilic <i>Bacillus</i>	72 (1976) 77
Kuratomi, K. and Y. Kobayashi, Photodynamic action of lumiflavin on the template DNA of RNA polymerase	72 (1976) 295
Kurihara, K., see N. Kamo	72 (1976) 247
Kuroda, M., see A. Endo	72 (1976) 323
Kurup, C. K. R. and D. R. Sanadi, Effect of preincubation with ATP on ATP-dependent reactions with sub-mitochondrial particles	72 (1976) 131
Lindberg, A. A., see U. Eriksson	72 (1976) 15
Lisowska, E., W. Szeliga and M. Duk, Purification of <i>Vicia graminea</i> anti-N lectin by affinity chromatography	72 (1976) 327
Long, E. and M. Crippa, DNA-dependent RNA polymerase C from <i>Xenopus laevis</i> ovaries: formation of stable heparin-resistant DNA-binding complexes	72 (1976) 67
Loosemore, M. J. and R. F. Pratt, The irreversible cleavage of histidine residues by diethyl-pyrocabonate (ethoxyformic anhydride)	72 (1976) 155
Lowe, D. J., see M. G. Yates	72 (1976) 121
Lowe, G., see M. R. Bendall	72 (1976) 231
Machado, P. E. A., see Y. Blouquit	72 (1976) 5
Maden, B. E. H., see D. G. Hughes	72 (1976) 304
Maden, B. E. H., see M. S. N. Khan	72 (1976) 105
Maget-Dana, R., see M. Plantavid	72 (1976) 169
Maitre, M., L. Ossola and P. Mandel, In vitro studies into the effect of inhibition of rat brain succinic semialdehyde dehydrogenase on GABA synthesis and degradation	72 (1976) 53
Mandel, P., see M. Maitre	72 (1976) 53
Matsuno, R., see H. Fujimori	72 (1976) 283
Matyášová, J., see M. Skalka	72 (1976) 271
Mercier, J.-C., F. Addeo and J.-M. Chobert, Comparative study of the amino acid sequences of the caseinomacropetides from seven species	72 (1977) 208

Mercier, J.-C., see J.-M. Chobert	72 (1976) 173
Miras Portugal, M. T., A. Jorda and A. Santos Ruiz, Propriétés cinétiques de la dopamine- β -hydroxylase membranaire	72 (1976) 267
Miyajima, E., see M. Yoshino	72 (1976) 143
Moe, J. G. and D. Piszkiwicz, Purification of isoleucyl transfer ribonucleic acid synthetase by affinity chromatography on blue dextran-Sephrose	72 (1976) 147
Morisaki, M., S. Sato, N. Ikekawa and M. Shikita, Stereochemical specificity at carbon-20 and -22 of hydroxylated cholesterol for side-chain cleavage by adrenocortical cytochrome P-450 _{sc}	72 (1976) 337
Muratsugu, M., see N. Kamo	72 (1976) 247
Nakayama, K., Y. Araki and E. Ito, The formation of a mannose-containing trisaccharide on a lipid and its transfer to proteins in yeast	72 (1976) 287
Nazar, R. N. and K. L. Roy, The nucleotide sequence of turtle 5.8 S rRNA	72 (1976) 111
Nomura, M., see M. Yamamoto	72 (1976) 256
North, M. L., see M. C. Garel	72 (1976) 1
Nosoh, Y., see N. Koyama	72 (1976) 77
Ohnishi, M., see H. Fujimori	72 (1976) 283
Ohta, M., see T. Takamatsu	72 (1976) 291
Ossolo, L., see M. Maitre	72 (1976) 53
Paus, E., Immunoabsorbent affinity purification of the two enzyme forms of α -mannosidase from <i>Phaseolus vulgaris</i>	72 (1976) 39
Pellegrini, M., see G. Floris	72 (1976) 179
Perrone, F., see Y. Blouquit	72 (1976) 5
Perry, S. V., see G. W. Amphlett	72 (1976) 163
Piszkiwicz, D., see J. G. Moe	72 (1976) 147
Plantavid, M., R. Maget-Dana and L. Douste-Blazy, Inhibition of phosphatidylethanolamine biosynthesis by S-adenosylmethionine	72 (1976) 169
Povey, P. M., B. Rees Smith, T. F. Davies and R. Hall, Thyrotrophin receptor binding, intracellular cyclic AMP levels and iodine release in isolated thyroid cells	72 (1976) 251
Pratt, R. F., see M. J. Loosemore	72 (1976) 155
Pucheu, N. L., see N. L. Kerber	72 (1976) 63
Radda, G. K., see M. K. Battersby	72 (1976) 319
Rath, E., see A. J. M. Kits van Heijningen	72 (1976) 58
Rees Smith, B., see P. M. Povey	72 (1976) 251
Reibel, L., see C. Vaquero	72 (1976) 43
Romijn, J. C., see R. van Grondelle	72 (1976) 187
Rosa, J., see M. C. Garel	72 (1976) 1
Rotman, A. and C. R. Creveling, A rationale for the design of cell-specific toxic agents: the mechanism of action of 6-hydroxydopamine	72 (1976) 227
Roy, K. L., see R. N. Nazar	72 (1976) 111
Saintot, M., H. Thaler-Dao, B. Descomps and A. Crastes de Paulet, Stereospecificity of hydrogen transfer by the human placental 15-hydroxy prostaglandin dehydrogenase	72 (1976) 238
Sakoda, M., see H. Fujimori	72 (1976) 283

Sanadi, D. R., see C. K. R. Kurup	72 (1976) 131
Santos Ruiz, A., see M. T. Miras Portugal	72 (1976) 267
Sato, S., see M. Morisaki	72 (1976) 337
Schapira, G., see C. Vaquero	72 (1976) 43
Scherrer, K., see O. Civelli	72 (1976) 71
Shikita, M., see M. Morisaki	72 (1976) 337
Shimanouchi, T., see T. Takamatsu	72 (1976) 291
Skalka, M., J. Matyášová and M. Cejková, DNA in chromatin of irradiated lymphoid tissues degrades in vivo into regular fragments	72 (1976) 271
Strasburg, G. M. and M. L. Greaser, The native subunit pattern of tropomyosin	72 (1976) 11
Suzuki, H., Effect of 7-methylguanosine-5'-phosphate on rabbit globin synthesis	72 (1976) 309
Suzuki, I., S.-C. Kowk and U. Dular, Competitive inhibition of ammonia oxidation in <i>Nitrosomonas europaea</i> by methane, carbon monoxide or methanol	72 (1976) 117
Szeliga, W., see E. Lisowska	72 (1976) 327
Takamatsu, T., I. Harada, T. Shimanouchi, M. Ohta and K. Hayashi, Raman spectrum of toxin B in relation to structure and toxicity	72 (1976) 291
Tanzawa, K., see A. Endo	72 (1976) 323
Teuwissen, B., K. Thomas and J. Ferin, Coupling of carboxymethylated (His) ² luteinizing hormone releasing hormone to poly-DL-alanyl chains (spacer groups) polymerised on human lactoferrin	72 (1976) 341
Thaler-Dao, H., see M. Saintot	72 (1976) 238
Thomas, K., see B. Teuwissen	72 (1976) 341
Tokunaga, F., T. Iwasa and T. Yoshizawa, Photochemical reaction of bacteriorhodopsin	72 (1976) 33
Tomita, T., Effect of alloxan on arginine- and leucine-induced insulin secretion in isolated islets	72 (1976) 79
Treijtel, B., see A. J. M. Kits van Heijningen	72 (1976) 58
Tsushima, K., see M. Yoshino	72 (1976) 143
Vanaman, T. C., see G. W. Amphlett	72 (1976) 163
Van Grondelle, R., J. C. Romijn and N. G. Holmes, Photoreduction of the long wavelength bacteriopheophytin in reaction centers and chromatophores of the photosynthetic bacterium <i>Chromatium vinosum</i>	72 (1976) 187
Van Rijn, J., see M. M. Bevers	72 (1976) 275
Van Wijk, R., see M. M. Bevers	72 (1976) 275
Vaquero, C., L. Reibel and G. Schapira, Relationship between the discriminating factor and the globin messenger RNA in differential α and β globin synthesis	72 (1976) 43
Villa, M., see F. Feo	72 (1976) 262
Vincent, A., see O. Civelli	72 (1976) 71
Visser, N., see A. J. M. Kits van Heijningen	72 (1976) 58
Von Bahr-Lindström, H., see U. Eriksson	72 (1976) 15
Von Glutz, G. and P. Walter, Regulation of pyruvate carboxylation by acetyl-CoA in rat liver mitochondria	72 (1976) 299
Walter, P., see G. von Glutz	72 (1976) 299
Wasner, H. K., Preparation of a liver plasma membrane with an adrenalin-responsive adenylyl cyclase after inhibition of prostaglandin synthesis by indomethacin	72 (1976) 127
Welinder, K. G., Covalent structure of the glycoprotein horseradish peroxidase (EC 1.11.1.7)	72 (1976) 19

Wientjes, C., see A. J. M. Kits van Heijningen	72 (1976) 58
Winnefeld, K., see N. Höser	72 (1976) 193
Willadsen, P., Allergenic activity of an esterase from <i>Boophilus microplus</i>	72 (1976) 346
Yamamoto, M. and M. Nomura, Isolation of λ transducing phages carrying rRNA genes at the <i>metA</i> – <i>purD</i> region of the <i>Escherichia coli</i> chromosome	72 (1976) 256
Yates, M. G. and D. J. Lowe, Nitrogenase of <i>Azotobacter chroococcum</i> : a new electron-paramagnetic-resonance signal associated with a transient species of the Mo–Fe protein during catalysis	72 (1976) 121
Yoshino, M., E. Miyajima and K. Tsushima, Inhibition of AMP deaminase of bovine brain and liver by fatty acyl-CoA derivatives	72 (1976) 143
Yoshizawa, T., see F. Tokunaga	72 (1976) 33
Zagalak, B. and H.-Ch. Curtius, Methylation by diastereoisomers of methylcobalamin	72 (1976) 29