

AUTHOR INDEX TO VOLUME 57

| | |
|---|---------------|
| Allen, J. C. and C. Humphries, The use of zwitterionic surfactants in the agarose chromatography of biological membranes | 57 (1975) 158 |
| Anding, G., see R. R. Theimer | 57 (1975) 89 |
| Assairi, L., see J. Ninio | 57 (1975) 139 |
| | |
| Barnard, E. A., see J. O. Dolly | 57 (1975) 267 |
| Barrett, G. C. and P. H. Leigh, Rapid aminolysis of benzoylthionocholines, applied in peptide sequence analysis. Relevance of physiological properties of sulphur analogues of choline esters | 57 (1975) 19 |
| Baszyński, T. and A. Tukendorf, Restoration of cyclic phosphorylation in heptane-extracted spinach chloroplasts by α -tocopherol | 57 (1975) 104 |
| Belitsina, N. V., S. M. Elizarov, M. A. Glukhova, A. S. Spirin, A. S. Butorin and S. K. Vasilenko, Isolation of translating ribosomes with a resin-bound poly U column | 57 (1975) 262 |
| Bernardi, F., see J. Ninio | 57 (1975) 139 |
| Bernon, R., see J. Dufourcq | 57 (1975) 112 |
| Bogdanov, I. G., P. G. Dalev, A. I. Gurevich, M. N. Kolosov, V. P. Mal'kova, L. A. Plemnyannikova and I. B. Sorokina, Antitumour glycopeptides from <i>Lactobacillus bulgaricus</i> cell wall | 57 (1975) 259 |
| Bories, G., see J.-M. Wal | 57 (1975) 9 |
| Brand, I. A. and H. D. Söling, Activation and inactivation of rat liver phosphofructokinase by phosphorylation-dephosphorylation | 57 (1975) 163 |
| Brögger, A., see J. V. Kozlov | 57 (1975) 153 |
| Brun, G., see J. Ninio | 57 (1975) 139 |
| Brunner, A., see E. Celis | 57 (1975) 241 |
| Burridge, K., see A. G. Weeds | 57 (1975) 203 |
| Butorin, A. S., see N. V. Belitsina | 57 (1975) 262 |
| | |
| Cacan, M., see R. Lotan | 57 (1975) 100 |
| Cacan, R., see R. Lotan | 57 (1975) 100 |
| Campbell, I. D., C. M. Dobson, R. J. P. Williams and P. W. Wright, Pulse methods for the simplification of protein NMR spectra | 57 (1975) 96 |
| Candrea, F., see M. de Ley | 57 (1975) 234 |
| Carter, W. G., see R. Lotan | 57 (1975) 100 |
| Cazzulo, J. J., see E. Massarini | 57 (1975) 134 |
| Cecere, F., G. Galli and F. Morisi, Substrate and steric specificity of hydropyrimidine hydase | 57 (1975) 192 |
| Celis, E., J. Mas and A. Brunner, Ethidium bromide uptake and change of fluorescence by petite-negative yeast mutants resistant to this drug | 57 (1975) 241 |
| Chapeville, F., see J. Ninio | 57 (1975) 139 |
| Charm, S. E., see E. Junowicz | 57 (1975) 219 |
| Chestier, A., see M. Yaniv | 57 (1975) 126 |

| | |
|--|---------------|
| Chien, T.-F., see E. Racker | 57 (1975) 14 |
| Connors, T. A., Drugs used in the treatment of cancer | 57 (1975) 223 |
| Cox, R. P., Oxygen evolution at sub-zero temperatures by chloroplasts suspended in fluid media | 57 (1975) 117 |
| Cramer, F., see J. Shiloach | 57 (1975) 130 |
| Croissant, O., see M. Yaniv | 57 (1975) 126 |
| Cullis, P. R., see A. C. McLaughlin | 57 (1975) 213 |
| | |
| Dalev, P. G., see I. G. Bogdanov | 57 (1975) 259 |
| Dauguet, C., see M. Yaniv | 57 (1975) 126 |
| Daudel, P., M. Duquesne, P. Vigny, P. L. Grover and P. Sims, Fluorescence spectral evidence that benzo(a)pyrene-DNA products in mouse skin arise from diol-epoxides | 57 (1975) 250 |
| Debray, H., see R. Lotan | 57 (1975) 100 |
| Degenhart, H. J., see R. J. Kraaiipoel | 57 (1975) 294 |
| De Groot, N., see J. Shiloach | 57 (1975) 130 |
| De Jonge, P., see J. Trapman | 57 (1975) 26 |
| De Ley, M., F. Candreva, R. Witters and R. Lontie, The fast reduction of <i>Helix pomatia</i> methaemocyanin with hydrogen sulphide | 57 (1975) 234 |
| De Vries, J. X., see A. Schäfer | 57 (1975) 51 |
| Dobson, C. M., see I. D. Campbell | 57 (1975) 96 |
| Dolly, J. O. and E. A. Barnard, Complete purification of the acetylcholine receptor protein from mammalian muscle | 57 (1975) 267 |
| Dray, F., see J.-M. Wal | 57 (1975) 9 |
| Dufourcq, J., J. F. Faucon, C. Lussan and R. Bernon, Study of lipid-protein interactions in membrane models: intrinsic fluorescence of cytochrome <i>b₅</i> -phospholipid complexes | 57 (1975) 112 |
| Duquesne, M., see P. Daudel | 57 (1975) 250 |
| | |
| Elizarov, S. M., see N. V. Belitsina | 57 (1975) 262 |
| Elson, D., see N. Schechter | 57 (1975) 149 |
| Elzinga, M., see F. A. Sréter | 57 (1975) 107 |
| Ernst, M., see D. Schlesinger | 57 (1975) 55 |
| Etienne, A. L. and J. Lavelle, Triggered-luminescence in dark-adapted <i>Chlorella</i> cells and chloroplasts | 57 (1975) 276 |
| Eytan, G., M. J. Matheson and E. Racker, Incorporation of biologically active proteins into liposomes | 57 (1975) 121 |
| | |
| Falcone, G., see P. L. Ipata | 57 (1975) 195 |
| Faucon, J. F., see J. Dufourcq | 57 (1975) 112 |
| Faulstich, H., see A. Schäfer | 57 (1975) 51 |
| Feldmann, H., see H. Gruhl | 57 (1975) 145 |
| Felicioli, R., see P. L. Ipata | 57 (1975) 195 |
| Fellous, A., J. Francon, A. Virion and J. Nunez, Microtubules and brain development | 57 (1975) 5 |
| Fornstedt, N. and J. Porath, Characterization studies on a new lectin found in seeds of <i>Vicia ervilia</i> | 57 (1975) 187 |
| Fraenkel-Conrat, H., see J. Keith | 57 (1975) 31 |
| Francon, J., see A. Fellous | 57 (1975) 5 |
| Frendo, J., see A. Koj | 57 (1975) 42 |

| | |
|--|---------------|
| Fujimori, E., Charge-transfer interaction involving sulfhydryl groups of bovine serum albumin | 57 (1975) 37 |
| Galli, G., see F. Cecere | 57 (1975) 192 |
| Geraci, G., see C. Spadafora | 57 (1975) 79 |
| Glukhova, M. A., see N. V. Belitsina | 57 (1975) 262 |
| Govindjee, see D. L. Vandermeulen | 57 (1975) 272 |
| Grant, M. E., see R. Harwood | 57 (1975) 47 |
| Gribnau, T. C. J., C. Stumm and G. I. Tesser, Microscopic observations on commercial Sepharose: deviations from normal bead-structure | 57 (1975) 301 |
| Grinius, L., R. Slušnytė and B. Griniuvienė, ATP synthesis driven by protonmotive force imposed across <i>Escherichia coli</i> cell membranes | 57 (1975) 290 |
| Griniuvienė, B., see L. Grinius | 57 (1975) 290 |
| Grover, P. L., see P. Daudel | 57 (1975) 250 |
| Gruhl, H. and H. Feldmann, The primary structure of a non-initiating methionine specific tRNA from brewer's yeast | 57 (1975) 145 |
| Gurevich, A. I., see I. G. Bogdanov | 57 (1975) 259 |
| Harwood, R., M. E. Grant and D. S. Jackson, Translation of type I and type II procollagen messengers in a cell-free system derived from wheat germ | 57 (1975) 47 |
| Hemminga, M. A., see A. C. McLaughlin | 57 (1975) 213 |
| Henquin, J. C., B. Horemans, M. Nenquin, J. Verniers and A. E. Lambert, Quinine-induced modifications of insulin release and glucose metabolism by isolated pancreatic islets | 57 (1975) 280 |
| Higashijima, T., M. Tasumi and T. Miyazawa, ¹ H Nuclear magnetic resonance studies of melanostratin: dependence of the chemical shifts of NH protons on temperature and concentration | 57 (1975) 175 |
| Hilz, H., see P. R. Stone | 57 (1975) 209 |
| Hitchcock, S. E. and L. C. Lutter, Study of troponin with cleavable protein crosslinkers | 57 (1975) 172 |
| Holldorf, A. W., see H. Schwan | 57 (1975) 179 |
| Horemans, B., see J. C. Henquin | 57 (1975) 280 |
| Hoult, D. I., see A. C. McLaughlin | 57 (1975) 213 |
| Humphries, C., see J. C. Allen | 57 (1975) 158 |
| Ipata, P. L., C. A. Palmerini, S. Senesi, G. Falcone and R. Felicioli, The role of nucleoside triphosphates in the control of 3'- and 5'-AMP dephosphorylation in crude extracts of <i>B. subtilis</i> | 57 (1975) 195 |
| Iwanaga, S., see Y. Nam Han | 57 (1975) 254 |
| Jackson, D. S., see R. Harwood | 57 (1975) 47 |
| Julien, R., see B. Quintard | 57 (1975) 285 |
| Jungermann, K., see D. Sasse | 57 (1975) 83 |
| Junowicz, E. and S. E. Charm, Purification of lysozyme by affinity chromatography | 57 (1975) 219 |
| Kandrach, A., see E. Racker | 57 (1975) 14 |
| Kato, H., see Y. Nam Han | 57 (1975) 254 |
| Katz, N., see D. Sasse | 57 (1975) 83 |
| Keith, J. and H. Fraenkel-Conrat, Tobacco mosaic virus RNA carries 5'-terminal triphosphorylated guanosine blocked by 5'-linked 7-methylguanosine | 57 (1975) 31 |
| Kelly, R. W., see P. L. Taylor | 57 (1975) 22 |

| | |
|---|---------------|
| Khoo, J. C. and D. Steinberg, Stimulation of rat liver phosphorylase kinase by micromolar concentrations of Ca^{2+} | 57 (1975) 68 |
| Koj, A., J. Frendo and L. Wojtczak, Subcellular distribution and intramitochondrial localization of three sulphurtransferases in rat liver | 57 (1975) 42 |
| Kolosov, M. N., see I. G. Bogdanov | 57 (1975) 259 |
| Komiya, M., see Y. Nam Han | 57 (1975) 254 |
| Kozlov, J. V., S. Olsnes, A. Brøgger and A. Pihl, Cleavage of adenovirus-5 DNA by an endonuclease from <i>Haemophilus parainfluenzae</i> | 57 (1975) 153 |
| Kraaiipoel, R. J., H. J. Degenhart and J. G. Leferink, Incorporation of H_2^{18}O into 20α , 22R -di-OH cholesterol: evidence for an epoxide-diol pathway in the adrenocortical cholesterol side-chain cleavage mechanism | 57 (1975) 294 |
| Krone, W., W. Marquardt, H. J. Seitz and W. Tarnowski, Effect of cordycepin and cycloheximide on the induction of phosphoenolpyruvate carboxykinase by dexamethasone or N^6 , O^2 -dibutyryl cyclic AMP in the isolated perfused rat liver | 57 (1975) 64 |
| Lambert, A. E., see J. C. Henquin | 57 (1975) 280 |
| Lapidot, Y., see J. Shiloach | 57 (1975) 130 |
| Lauber, M., see J. Ninio | 57 (1975) 139 |
| Lavorel, J., see A. L. Etienne | 57 (1975) 276 |
| Leigh, P. H., see G. C. Barrett | 57 (1975) 19 |
| Lengyel, H., see P. R. Stone | 57 (1975) 209 |
| Leferink, J. G., see R. J. Kraaiipoel | 57 (1975) 294 |
| Libor, S., R. Warwick and T. K. Sundaram, Binding behaviour of pyruvate carboxylase from <i>Bacillus stearothermophilus</i> on Sepharose-avidin | 57 (1975) 34 |
| Lindahl, T., see S. Ljungquist | 57 (1975) 169 |
| Ljungquist, S., B. Nyberg and T. Lindahl, Mammalian DNA endonuclease acting at apurinic sites: absence of associated exonuclease activity | 57 (1975) 169 |
| Lontie, R., see M. de Ley | 57 (1975) 234 |
| Lotan, R., R. Cacan, M. Cacan, H. Debray, W. G. Carter and N. Sharon, On the presence of two types of subunit in soybean agglutinin | 57 (1975) 100 |
| Luff, A. R., see F. A. Sréter | 57 (1975) 107 |
| Lussan, C., see J. Dufourcq | 57 (1975) 112 |
| Lutter, L. C., see S. E. Hitchcock | 57 (1975) 172 |
| Mabutchi, K., see F. A. Sréter | 57 (1975) 107 |
| Mal'kova, V. P., see I. G. Bogdanov | 57 (1975) 259 |
| Mamas, S., see J.-M. Wal | 57 (1975) 9 |
| Marquardt, W., see W. Krone | 57 (1975) 64 |
| Mas, J., see E. Celis | 57 (1975) 241 |
| Massarini, E. and J. J. Cazzulo, Two forms of citrate synthase in a marine <i>Pseudomonad</i> | 57 (1975) 134 |
| Matheson, M. J., see G. Eytan | 57 (1975) 121 |
| McLaughlin, A. C., P. R. Cullis, M. A. Hemminga, D. I. Hoult, G. K. Radda, G. A. Ritchie, P. J. Seeley and R. E. Richards, Application of ^{31}P NMR to model and biological membrane systems | 57 (1975) 213 |
| Miller, E. J., see A. Yonath | 57 (1975) 93 |
| Miyazawa, T., see T. Higashijima | 57 (1975) 175 |
| Monsigny, M., see A.-C. Roche | 57 (1975) 245 |
| Morisi, F., see F. Cecere | 57 (1975) 192 |

| | |
|---|---------------|
| Nam Han, Y., M. Komiya, H. Kato, S. Iwanaga and T. Suzuki, Primary structure of bovine high molecular weight kininogen: chemical compositions of kinin-free kininogen and peptide fragments released by plasma kallikrein | 57 (1975) 254 |
| Nenquin, M., see J. C. Henquin | 57 (1975) 280 |
| Nicholas, A., see D. H. Schlesinger | 57 (1975) 55 |
| Ninio, J., F. Bernardi, G. Brun, L. Assairi, M. Lauber and F. Chapeville, On the mechanism of nucleotide incorporation into DNA and RNA | 57 (1975) 139 |
| Nunez, J., see A. Fellous | 57 (1975) 5 |
| Nyberg, B., see S. Ljungquist | 57 (1975) 169 |
| O'Brady, F., Inhibition of rabbit intestinal indoleamine 2,3-dioxygenase by copper chelators | 57 (1975) 237 |
| Olsnes, S., see J. V. Kozlov | 57 (1975) 153 |
| Palmerini, C. A., see P. L. Ipata | 57 (1975) 195 |
| Perry, R. P. and K. Scherrer, The methylated constituents of globin mRNA | 57 (1975) 73 |
| Pihl, A., see J. V. Kozlov | 57 (1975) 153 |
| Planta, R. J., see J. Trapman | 57 (1975) 26 |
| Plemyannikova, L. A., see I. G. Bogdanov | 57 (1975) 259 |
| Porath, J., see N. Fornstedt | 57 (1975) 187 |
| Quintard, B. and R. Julien, Distribution cellulaire des facteurs d'elongation EF1 du germe de blé | 57 (1975) 285 |
| Racker, E., see G. Eytan | 57 (1975) 121 |
| Racker, E., T.-F. Chien and A. Kandrach, A cholate-dilution procedure for reconstitution of the Ca ⁺⁺ pump, ³² P _i -ATP exchange, and oxidative phosphorylation | 57 (1975) 14 |
| Radda, G. K., see A. C. McLaughlin | 57 (1975) 213 |
| Richards, R. E., see A. C. McLaughlin | 57 (1975) 213 |
| Ritchie, G. A., see A. C. McLaughlin | 57 (1975) 213 |
| Roche, A.-C., R. Schauer and M. Monsigny, Protein-sugar interactions. Purification by affinity chromatography of limulin, an <i>N</i> -acyl-neuraminidyl-binding protein | 57 (1975) 245 |
| Salmons, S., see F. A. Sréter | 57 (1975) 107 |
| Sasse, D., N. Katz and K. Jungermann, Functional heterogeneity of rat liver parenchyma and of isolated hepatocytes | 57 (1975) 83 |
| Schäfer, A., J. X. de Vries, H. Faulstich and Th. Wieland, Phalloidin counteracts the inhibitory effect of actin on deoxyribonuclease I | 57 (1975) 51 |
| Schauer, R., see A.-C. Roche | 57 (1975) 245 |
| Schechter, N., D. Elson and P. Spitnik-Elson, Structural alterations in the 30 S ribosomal subunit of <i>Escherichia coli</i> observed with the fluorescent probe N-(3-pyrene)maleimide | 57 (1975) 149 |
| Scherrer, K., see R. P. Perry | 57 (1975) 73 |
| Schlesinger, D. H., M. Ernst, A. Nicholas, W. B. Watkins and R. Walter, Complete amino acid sequence of ovine neurophysin-III | 57 (1975) 55 |
| Schmid-Neuhaus, B., see R. R. Theimer | 57 (1975) 89 |
| Schwan, H. and A. W. Holldorf, Effective utilization of exogenous deoxythymidine-5'-monophosphate for DNA synthesis in enterobacteria | 57 (1975) 179 |
| Seeley, P. J. see A. C. McLaughlin | 57 (1975) 213 |

| | |
|--|---------------|
| Seitz, H. J., see W. Krone | 57 (1975) 64 |
| Senesi, S., see P. L. Ipata | 57 (1975) 195 |
| Shiloach, J., Y. Lapidot, N. de Groot, M. Sprinzl and F. Cramer, The specificity of peptidyl-tRNA hydrolase from <i>E. coli</i> | 57 (1975) 130 |
| Sharon, N., see R. Lotan | 57 (1975) 100 |
| Sims, P., see P. Daudel | 57 (1975) 250 |
| Sorokina, I. B., see I. G. Bogdanov | 57 (1975) 259 |
| Slusnyte, R., see L. Grinius | 57 (1975) 290 |
| Söling, H. D., see I. A. Brand | 57 (1975) 163 |
| Spadafora, C. and G. Geraci, The subunit structure of sea urchin sperm chromatin. A kinetic approach | 57 (1975) 79 |
| Spirin, A. S., see N. V. Belitsina | 57 (1975) 262 |
| Spitnik-Elson, P., see N. Schechter | 57 (1975) 149 |
| Sprinzl, M., see J. Shiloach | 57 (1975) 130 |
| Sréter, F. A., M. Elzinga, K. Mabutchi, S. Salmons and A. R. Luff, The <i>N</i> ^ε -methylhistidine content of myosin in stimulated and cross-reinnervated skeletal muscles of the rabbit | 57 (1975) 107 |
| Steinberg, D., see J. C. Khoo | 57 (1975) 68 |
| Stone, P. R., H. Hilz and H. Lengyel, Quantitation of hydroxylamine sensitive mono(adenosine diphosphate ribose) residues in different hepatic tissues | 57 (1975) 209 |
| Strating, M., see J. Visser | 57 (1975) 183 |
| Stumm, C., see T. C. J. Gribnau | 57 (1975) 301 |
| Sundaram, T. K., see S. Libor | 57 (1975) 34 |
| Suzuki, T., see Y. Nam Han | 57 (1975) 254 |
| | |
| Tarnowski, W., see W. Krone | 57 (1975) 64 |
| Tasumi, M., see T. Higashijima | 57 (1975) 175 |
| Taylor, P. L. and R. W. Kelly, The occurrence of 19-hydroxy F prostaglandins in human semen | 57 (1975) 22 |
| Tesser, G. I., see T. C. J. Gribnau | 57 (1975) 301 |
| Theimer, R. R., G. Anding and B. Schmid-Neuhaus, Density-labeling evidence against a de novo formation of peroxisomes during greening of fat-storing cotyledons | 57 (1975) 89 |
| Trapman, J., P. de Jonge and R. J. Planta, On the biosynthesis of 5.8 S ribosomal RNA in yeast | 57 (1975) 26 |
| Traub, W., see A. Yonath | 57 (1975) 93 |
| Trifaró, J. M. and C. Ulpian, Actomyosin-like protein isolated from the adrenal medulla | 57 (1975) 198 |
| Tukendorf, A., see T. Baszyński | 57 (1975) 104 |
| | |
| Ulpian, C., see J. M. Trifaró | 57 (1975) 198 |
| Urlaub, H. and G. Wöber, Identification of isoamylase, a glycogen-debranching enzyme, from <i>Bacillus amyloliquefaciens</i> | 57 (1975) 1 |
| | |
| Vandermeulen, D. L. and Govindjee, Interactions of fluorescent analogs of adenine nucleotides with coupling factor protein isolated from spinach chloroplasts | 57 (1975) 272 |
| Vasilenko, S. K., see N. V. Belitsina | 57 (1975) 262 |
| Verniers, J., see J. C. Henquin | 57 (1975) 280 |
| Vigny, P., see P. Daudel | 57 (1975) 250 |
| Virion, A., see A. Fellous | 57 (1975) 5 |

| | |
|---|---------------|
| Visser, J. and M. Strating, Enzymatic behaviour of lipoamide dehydrogenase isoenzymes immobilized on <i>N</i> -alkyl Sepharose matrices | 57 (1975) 183 |
| Wal, J.-M., G. Bories, S. Mamas and F. Dray, Radioimmunoassay of penicilloyl groups in biological fluids | 57 (1975) 9 |
| Walter, R., see D. H. Schlesinger | 57 (1975) 55 |
| Warwick, R., see S. Libor | 57 (1975) 34 |
| Wasner, H. K., Regulation of protein kinase and phosphoprotein phosphatase by cyclic AMP and cyclic AMP antagonist | 57 (1975) 60 |
| Watkins, W. B., see D. H. Schlesinger | 57 (1975) 55 |
| Weeds, A. G. and K. Burridge, Myosin from cross-reinnervated cat muscles. Evidence for reciprocal transformation of heavy chains | 57 (1975) 203 |
| Wieland, Th., see A. Schäfer | 57 (1975) 51 |
| Williams, R. J. P., see I. D. Campbell | 57 (1975) 96 |
| Witters, R., see M. de Ley | 57 (1975) 234 |
| Wöber, G., see H. Urlaub | 57 (1975) 1 |
| Wojtczak, L., see A. Koj | 57 (1975) 42 |
| Wright, P. E., see I. D. Campbell | 57 (1975) 96 |
| Yaniv, M., A. Chestier, C. Dauguet and O. Croissant, Location of the T4 gene 32 protein binding site on polyoma virus DNA | 57 (1975) 126 |
| Yonath, A., W. Traub and E. J. Miller, Crystallization of cyanogen bromide peptides from chick cartilage collagen | 57 (1975) 93 |