

Author index

- Akerboom, T.P.M., see Kunst, M. (1983) 123
 Aragón, C., see Lopez-Cordero, B. (1983) 247
 Avron, M., see Katz, A. (1983) 9
- Bannai, S., see Sato, H. (1983) 259
 Bar, L.K., Chong, P.L.-G., Barenholz, Y. and Thompson, T.E.
 Spontaneous transfer between phospholipid bilayers of dehydroergosterol, a fluorescent cholesterol analog (1983) 109
 Barenholz, Y., see Bar, L.K. (1983) 109
 Bashford, C.L., Rodrigues, L. and Pasternak, C.A.
 Protection of cells against membrane damage by hemolytic agents: divalent cations and protons act at the extracellular side of the plasma membrane (1983) 56
 Beigel, M., see Keren-Zur, M. (1983) 253
 Bessoule, J.-J., Lessire, R. and Cassagne, C.
 Theoretical analysis of the activity of membrane-bound enzymes using amphiphilic or hydrophobic substrates. Application to the acyl-CoA elongases from *Allium porrum* cells and to their purification (1983) 35
 Bevers, E.M., see Comfurius, P. (1983) 212
 Bond, S.E., see Petruszewicz, J. (1983) 161
 Bourguignon, G.J., see Jy, W. (1983) 153
 Bourguignon, L.Y.W., see Jy, W. (1983) 153
 Buchet, R., Jona, I. and Martonosi, A.
 Correlation of structure and function in the Ca^{2+} -ATPase of sarcoplasmic reticulum: a Fourier transform infrared spectroscopy (FTIR) study on the effects of dimethyl sulfoxide and urea (1983) 167
- Canicattì, C., see Roch, P. (1983) 193
 Carrier, D., Giziewicz, J.B., Moir, D., Smith, I.C.P. and Jarrell, H.C.
 Dynamics and orientation of glycolipid headgroups by ^2H -NMR: gentiobiose (1983) 100
 Carter, D.P., see Raval, P.J. (1983) 230
 Carter-Burks, G., see Petruszewicz, J. (1983) 161
 Cassagne, C., see Bessoule, J.-J. (1983) 35
 Chong, P.L.-G., see Bar, L.K. (1983) 109
 Ciarciochi, A., see Michelangeli, F. (1983) 82
 Comfurius, P., Bevers, E.M. and Zwaal, R.F.A.
 Interaction between phosphatidylserine and the isolated cytoskeleton of human blood platelets (1983) 212
- Deber, C.M., see Fraser, P.E. (1983) 23
 De Pont, J.J.H.H.M., see Van der Hijden, H.T.W.M. (1983) 142
 Dillingham, E.O., see Petruszewicz, J. (1983) 161
- Eckardt, A., see Niewiarowski, S. (1983) 91
 Ehrenberg, B., see Gross, E. (1983) 118
 Eksner, R. and Ziegler, K.
 Determination of the apparent functional molecular mass of the hepatocellular sodium-dependent taurocholate transporter by radiation inactivation (1983) 113
- Fairbanks, G., see Raval, P.J. (1983) 230
 Fairbanks, G., see Sheerin, H.E. (1983) 65
 Fehla, R., see Fuhrmann, G.F. (1983) 179
 Fernández, E., see Michelangeli, F. (1983) 82
- Fraser, P.E., Rand, R.P. and Deber, C.M.
 Bilayer-stabilizing properties of myelin basic protein in dioleoylphosphatidylethanolamine systems (1983) 23
 Fregien, N., see Jy, W. (1983) 153
 Fuhrmann, G.F., Fehla, R., Schneider, H. and Knauf, P.A.
 The effect of ferrioxalate with iodoacetate in calcium-free solution on passive cation permeability in human red blood cells: comparison with the Gardos-effect and with the influence of PCMBs on passive cation permeability (1983) 179
 Fujita, Y., see Katsu, T. (1983) 135
- Giffin, B., see Keough, K.M.W. (1983) 51
 Giziewicz, J.B., see Carrier, D. (1983) 100
 Gollamudi, R., see Petruszewicz, J. (1983) 161
 Gross, E. and Ehrenberg, B.
 The partition and distribution of porphyrins in liposomal membranes. A spectroscopic study (1983) 118
 Guggino, W.B., see Hilden, S.A. (1983) 77
- Hayashi, Y., Mimura, K., Matsui, H. and Takagi, T.
 Minimum enzyme unit for Na^+/K^+ -ATPase is the $\alpha\beta$ -protomer. Determination by low-angle laser light scattering photometry coupled with high-performance gel chromatography for substantially simultaneous measurement of ATPase activity and molecular weight (1983) 217
 Hilden, S.A., Johns, C.A., Guggino, W.B. and Madias, N.E.
 Techniques for isolation of brush-border and basolateral membrane vesicles from dog kidney cortex (1983) 77
 Hitzemann, R.J.
 Effects of non-electrolyte molecules with anesthetic activity on the physical properties of DMPC multilamellar liposomes (1983) 205
 Holt, J.C., see Niewiarowski, S. (1983) 91
- Ishii, T., see Sato, H. (1983) 259
- Jarrell, H.C., see Carrier, D. (1983) 100
 Johns, C.A., see Hilden, S.A. (1983) 77
 Jona, I., see Buchet, R. (1983) 167
 Jy, W., Fregien, N., Bourguignon, G.J. and Bourguignon, L.Y.W.
 Role of Ca^{2+} in the regulation of hormone receptor exposure during lymphocyte activation (1983) 153
- Kanner, B.I., see Lopez-Cordero, B. (1983) 247
 Katsu, T., Kuroko, M., Morikawa, T., Sanchika, K., Fujita, Y., Yamamura, H. and Uda, M.
 Mechanism of membrane damage induced by the amphipathic peptides gramicidin S and melittin (1983) 135
 Katz, A., Pick, U. and Avron, M.
 Characterization and reconstitution of the Na^+/H^+ antiporter from the plasma membrane of the halotolerant alga *Dunaliella* (1983) 9
 Keough, K.M.W., Giffin, B. and Matthews, P.L.J.
 Phosphatidylcholine-cholesterol interactions: bilayers of heteroacid lipids containing linoleate lose calorimetric transitions at low cholesterol concentration (1983) 51
 Keren-Zur, M., Beigel, M. and Luyter, A.
 Induction of fusion in aggregated and nonaggregated liposomes bearing cationic detergents (1983) 253

- Koster, M.B., see Sokolove, P.M. (1983) 15
 Kim, H., see Kim, J. (1983) 1
 Kim, J. and Kim, H.
 Interaction of α -lactalbumin with phospholipid vesicles as studied by photoactivated hydrophobic labeling (1983) 1
 Knauf, P.A., see Fuhrmann, G.F. (1983) 179
 Kornecki, E., see Niewiarowski, S. (1983) 91
 Koschel, K., see Tas, P.W.L. (1983) 264
 Kress, H.-G., see Tas, P.W.L. (1983) 264
 Kunst, M., Sies, H. and Akerboom, T.P.M.
 ATP-stimulated uptake of 5-(2,4-dinitrophenyl)glutathione by plasma membrane vesicles from rat liver (1983) 123
 Kuroko, M., see Katsu, T. (1983) 135
 Lasso, A., see Petruszewicz, J. (1983) 161
 Lessire, R., see Bessoule, J.-J. (1983) 35
 Lönnendonker, U., see Weik, R. (1983) 127
 Lopez-Cordero, B., Kanner, B.I. and Aragón, C.
 Reconstitution and partial purification of the sodium and chloride-coupled glycine transporter from rat spinal cord (1983) 247
 Loyter, A., see Keren-Zur, M. (1983) 253
 Lukasiewicz, H., see Niewiarowski, S. (1983) 91
 Madias, N.E., see Hilden, S.A. (1983) 77
 Martonosi, A., see Buchet, R. (1983) 167
 Matsui, H., see Hayashi, Y. (1983) 217
 Matthews, P.L.J., see Keough, K.M.W. (1983) 51
 McDaniel, R.V. and McIntosh, T.J.
 Neutron and X-ray diffraction structural analysis of phosphatidyl-inositol bilayers (1983) 241
 McIntosh, T.J., see McDaniel, R.V. (1983) 241
 Michelangeli, F., Ruiz, M.-C., Fernández, E. and Ciarrocchi, A.
 Role of Ca^{2+} in H^+ transport by rabbit gastric glands studied with A23187 and BAPTA, an incorporated Ca^{2+} chelator (1983) 82
 Mimura, K., see Hayashi, Y. (1983) 217
 Moir, D., see Carrier, D. (1983) 100
 Morikawa, T., see Katsu, T. (1983) 135
 Neumcke, B., see Weik, R. (1983) 127
 Niewiarowski, S., Norton, K.J., Fekardt, A., Lukasiewicz, H., Holt, J.C. and Kornecki, E.
 Structural and functional characterization of major platelet membrane components derived by limited proteolysis of glycoprotein IIIa (1983) 91
 Norton, K.J., see Niewiarowski, S. (1983) 91
 Pasterjak, C.A., see Bashford, C.L. (1983) 56
 Petruszewicz, J., Lasso, A., Carter-Burks, G., Gollamudi, R., Dillingham, E.O. and Bond, S.E.
 Relationships between chemical structure and inhibition of epinephrine-induced human blood platelet aggregation (1983) 161
 Pick, U., see Katz, A. (1983) 9
 Rand, R.P., see Fraser, P.E. (1983) 23
 Raval, P.J., Carter, D.P. and Fairbanks, G.
 Relationship of hemolysis buffer structure, pH and ionic strength to spontaneous contour smoothing of isolated erythrocyte membranes (1983) 230
 Roch, P., Canicatti, C. and Valembois, P.
 Interactions between earthworm hemolysins and sheep red blood cell membranes (1983) 193
 Rodrigues, L., see Bashford, C.L. (1983) 56
 Ruiz, M.-C., see Michelangeli, F. (1983) 82
 Sanchika, K., see Katsu, T. (1983) 135
 Sato, H., Ishii, T., Sugita, Y. and Bannai, S.
 Changes in neutral amino acid transport activity in myeloid leukemia cells differentiated by lipopolysaccharide (1983) 259
 Schmitt, J.J. and Zimmermann, U.
 Enhanced hybridoma production by electrofusion in strongly hypo-osmolar solutions (1983) 42
 Schneider, H., see Fuhrmann, G.F. (1983) 179
 Shukla, N., see Solar, I. (1983) 199
 Sheerin, H.E., Snyder, L.M. and Fairbanks, G.
 Cation transport in oxidant-stressed human erythrocytes: heightened *N*-ethylmaleimide activation of passive K^+ influx after mild peroxidation (1983) 65
 Sies, H., see Kunst, M. (1983) 123
 Sikora-VanMeter, K., see Sokolove, P.M. (1983) 15
 Smith, I.C.P., see Carrier, D. (1983) 100
 Snyder, L.M., see Sheerin, H.E. (1983) 65
 Sokolove, P.M., Westphal, P.A., Kester, M.B., Wierwille, R. and Sikora-VanMeter, K.
 Duramycin effects on the structure and function of heart mitochondria. I. Structural alterations and changes in membrane permeability (1983) 15
 Solar, I. and Shukla, N.
 Association of hemin with protein 4.1 as compared to spectrin and actin (1983) 199
 Sugii, S. and Tsuji, T.
 Studies on the binding substances on human erythrocytes for the heat-labile enterotoxin isolated from chicken enterotoxigenic *Escherichia coli* (1983) 30
 Sugita, Y., see Sato, H. (1983) 259
 Takagi, T., see Hayashi, Y. (1983) 217
 Tas, P.W.L., Kress, H.-G. and Koschel, K.
 Volatile anesthetics inhibit the ion flux through Ca^{2+} -activated K^+ channels of rat glioma C6 cells (1983) 264
 Thompson, T.E., see Bar, L.K. (1983) 109
 Tsuji, T., see Sugii, S. (1983) 30
 Uda, M., see Katsu, T. (1983) 135
 Valembois, P., see Roch, P. (1983) 193
 Van der Hijden, H.T.W.M. and De Pont, J.J.H.M.
 Caution sidedness in the phosphorylation step of Na^+/K^+ -ATPase (1983) 142
 Van Duijn, B. and Vogelzang, S.A.
 The membrane potential of the cellular slime mold *Dictyostelium discoideum* is mainly generated by an electrogenic proton pump (1983) 186
 Vogelzang, S.A., see Van Duijn, B. (1983) 186
 Weik, R., Lönnendonker, U. and Neumcke, B.
 Low-conductance states of K^+ channels in adult mouse skeletal muscle (1983) 127
 Westphal, P.A., see Sokolove, P.M. (1983) 15
 Wierwille, R., see Sokolove, P.M. (1983) 15
 Yamamura, H., see Katsu, T. (1983) 135
 Ziegler, K., see Elsner, R. (1983) 113
 Zimmermann, U., see Schmitt, J.J. (1983) 42
 Zwaal, R.F.A., see Comfurius, P. (1983) 212