

AUTHOR INDEX

- Abbott, R.E., see Chabanel, A. (816) 142
- Alibert, G., see Rataboul, P. (816) 25
- Alloisio, N., Morlé, L., Bachir, D., Guetarni, D., Colonna, P. and Delaunay, J.
Red cell membrane sialoglycoprotein β in homozygous and heterozygous 4.1(-) hereditary elliptocytosis (816) 57
- Antoniou, B., Kim, D.H. Morii, M. and Ikemoto, N.
Inhibitors of Ca^{2+} release from the isolated sarcoplasmic reticulum. I. Ca^{2+} channel blockers (816) 9
- Arroyo-Begovich, A., see Zarain-Herzberg, A. (816) 258
- Atlan, H., see Panet, R. (816) 278
- Bachir, D., see Alloisio, N. (816) 57
- Bally, M.B., see Mayer, L.D. (816) 294
- Bendahan, A., see Kanner, B.I. (816) 403
- Benedetti, A., Fulceri, R. and Comporti, M.
Calcium sequestration activity in rat liver microsomes. Evidence for a cooperation of calcium transport with glucose-6-phosphatase (816) 267
- Biber, T.U.L., see Miersen, S. (816) 283
- Bigornia, L. and Bihler, I.
The role of calcium in stimulation of sugar transport in muscle by lithium (816) 197
- Bihler, I., see Bigornia, L. (816) 197
- Boggs, J.M. and Rangaraj, G.
Phase transitions and fatty acid spin label behavior in interdigitated lipid phases induced by glycerol and poly-myxin (816) 221
- Boggs, J.M., Rangaraj, G., Moscarello, M.A. and Koshy, K.M.
Interaction of myelin basic protein and polylysine with synthetic species of cerebroside sulfate (816) 208
- Boller, T., see Rataboul, P. (816) 25
- Boudet, A.M., see Rataboul, P. (816) 25
- Burckhardt, G., see Ganapathy, V. (816) 234
- Carafoli, E., see Schwerzmann, K. (816) 63
- Carrasquer, G., see Schwartz, M. (816) 251
- Chabanel, A., Abbott, R.E., Chien, S. and Schachter, D.
Effects of benzyl alcohol on erythrocyte shape, membrane hemileaflet fluidity and membrane viscoelasticity (816) 142
- Cherry, R.J., see Hu, K.-S. (816) 358
- Chien, S., see Chabanel, A. (816) 142
- Colonna, P., see Alloisio, N. (816) 57
- Comporti, M., see Benedetti, A. (816) 267
- Cullis, P.R., see Mayer, L.D. (816) 294
- Damen, J., see Van Blitterswijk, W.J. (816) 46
- Danko, S., Kim, D.H., Sreter, F.A. and Ikemoto, N.
Inhibitors of Ca^{2+} release from the isolated sarcoplasmic reticulum. II. The effects of dantrolene on Ca^{2+} release induced by caffeine, Ca^{2+} and depolarization (816) 18
- Dave, J.R. Krieg, R.J., Jr. and Witorsch, R.J.
Modulation of prolactin binding sites in vitro by membrane fluidizers. Effects on male prostatic and female hepatic membranes in alcohol-fed rats (816) 313
- Deamer, D.W., see Shew, R.L. (816) 1
- De Gier, J., see Smaal, E.B. (816) 418
- De Kruijff, B., see Smaal, E.B. (816) 418
- Delaunay, J., see Alloisio, N. (816) 57
- DeSimone, J.A., see Miersen, S. (816) 283
- DeSimone, S.K., see Miersen, S. (816) 283
- Deuticke, B., see Schwister, K. (816) 332
- De Widt, J., see Van Blitterswijk, W.J. (816) 46
- Dise, C.A., see Dugan, J.M. (816) 93
- Donovan, J.A.
Protein-mediated chloride-phosphate and lactate-lactate exchange in cytoskeleton-free vesicles budded from rabbit erythrocytes (816) 68
- Dufton, M.J., see Hu, K.-S. (816) 358
- Dugan, J.M., Dise, C.A. and Goodman, D.B.P.
Preparation of inside-out vesicles from erythrocyte membranes inactivates the pathway for oleic acid incorporation into phospholipid (816) 93
- Dutta-Roy, A.K., Ray, T.K. and Sinha, A.K.
Control of erythrocyte membrane microviscosity by insulin (816) 187
- Elgsaeter, A., see Stokke, B.T. (816) 102
- Esposito, G., see Lindi, C. (816) 411
- Faelli, A., see Lindi, C. (816) 411
- Ferreira, G.C., see Rigler, M.W. (816) 131
- Finegold, L., see Singer, M.A. (816) 303
- Fulceri, R., see Benedetti, A. (816) 267
- Ganapathy, V., Burckhardt, G. and Leibach, F.H.
Peptide transport in rabbit intestinal brush-border membrane vesicles studied with a potential-sensitive dye (816) 234
- Garrahan, P.J., see Kratje, R.B. (816) 365
- Garrahan, P.J., see Rossi, J.P.F.C. (816) 379
- Gaudry, M., see Piffeteau, A. (816) 77
- Gerencser, G.A. and Lee, S.-H.
ATP-dependent chloride transport in plasma membrane vesicles from *Aplysia* intestine (816) 415
- Gibrat, R., Grouzis, J.-P., Rigaud, J. and Grignon, C.
Electrostatic characteristics of corn root plasmalemma: effect on the Mg^{2+} -ATPase activity (816) 349

- Gierasch, L.M., see Jain, M.K. (816) 153
- Goodman, D.B.P., see Dugan, J.M. (816) 93
- Grignon, C., see Gibrat, R. (816) 349
- Grouzis, J.-P., see Gibrat, R. (816) 349
- Guetarni, D., see Alloisio, N. (816) 57
- Hashimoto, K., Loader, J.E. and Kinsky, S.C.
 Synthesis and characterization of methotrexate-dimyristoylphosphatidylethanolamine derivatives and the glycerophosphorylethanolamine analogs (816) 163
- Hashimoto, K., Loader, J.E., Knight, M.S. and Kinsky, S.C.
 Inhibition of cell proliferation and dihydrofolate reductase by liposomes containing methotrexate-dimyristoylphosphatidylethanolamine derivatives and by the glycerophosphorylethanolamine analogs (816) 169
- Heck, G.L., see Mierson, S. (816) 283
- Hilkmann, H., see Van Blitterswijk, W.J. (816) 46
- Hope, M.J., see Mayer, L.D. (816) 294
- Hu, K.-S., Dufton, M.J., Morrison, I.E.G. and Cherry, R.J.
 Protein rotational diffusion measurements on the interaction of bee venom melittin with bacteriorhodopsin in lipid vesicles (816) 358
- Ikemoto, N., see Antoniu, B. (816) 9
- Ikemoto, N., see Danko, S. (816) 18
- Inoue, J., Nojima, S. and Inoue, K.
 The activity of membranes reconstituted from HVJ envelope proteins and lipids to induce hemolysis and fusion between liposomes and erythrocytes (816) 321
- Inoue, K., see Inoue, J. (816) 321
- Jacobson, B.S., see Patton, W.F. (816) 83
- Jain, M.K., Rogers, J., Simpson, L. and Gierasch, L.M.
 Effect of tryptophan derivatives on the phase properties of bilayers (816) 153
- Joly, L.-P., see Paiement, J. (816) 179
- Kanner, B.I. and Bendahan, A.
 Transport of 5-hydroxytryptamine in membrane vesicles from rat basophilic leukemia cells (816) 403
- Kempen, H.J.M., see Spanjer, H.H. (816) 396
- Kim, D.H., see Antoniu, B. (816) 9
- Kim, D.H., see Danko, S. (816) 18
- Kim, J., see Patton, W.F. (816) 83
- Kinsky, S.C., see Hashimoto, K. (816) 163
- Kinsky, S.C., see Hashimoto, K. (816) 169
- Kitos, T.E., see Michaelis, M.L. (816) 241
- Knight, M.S., see Hashimoto, K. (816) 169
- Knowles, P.F., see Powell, G.L. (816) 191
- Koshy, K.M., see Boggs, J.M. (816) 208
- Koynova, R.D., see Tenchov, B.G. (816) 122
- Kratje, R.B., Garrahan, P.J. and Rega, A.F.
 Two modes of inhibition of the Ca^{2+} pump in red cells by Ca^{2+} (816) 365
- Krieg, R.J., Jr., see Dave, J.R. (816) 313
- Kunimoto, M. and Miura, T.
 Vesicle release from rat red cell ghosts and increased association of cell membrane proteins with cytoskeletons induced by cadmium (816) 37
- Lee, S.-H., see Gerencser, G.A. (816) 415
- Leibach, F.H., see Ganapathy, V. (816) 234
- Lindi, C., Marciani, P., Faelli, A. and Esposito, G.
 Intestinal sugar transport during ageing (816) 411
- Loader, J.E., see Hashimoto, K. (816) 163
- Loader, J.E., see Hashimoto, K. (816) 169
- Mandersloot, J.G., see Smaal, E.B. (816) 418
- Marciani, P., see Lindi, C. (816) 411
- Marsh, D., see Powell, G.L. (816) 191
- Mayer, L.D., Bally, M.B., Hope, M.J. and Cullis, P.R.
 Uptake of antineoplastic agents into large unilamellar vesicles in response to a membrane potential (816) 294
- Michaelis, M.L., Kitos, T.E. and Mooney, T.
 Characteristics of adenosine binding sites in atrial sarcolemmal membranes (816) 241
- Mierson, S., Heck, G.L., DeSimone, S.K., Biber, T.U.L. and DeSimone, J.A.
 The identity of the current carriers in canine lingual epithelium in vitro (816) 283
- Mikkelsen, A., see Stokke, B.T. (816) 102
- Mitranic, M.M. and Moscarello, M.A.
 The effect of acidic lipids on the activity of bovine milk galactosyltransferase in vesicles of different phosphatidylethanolamines (816) 182
- Miura, T., see Kunimoto, M. (816) 37
- Mooney, T., see Michaelis, M.L. (816) 241
- Morii, M., see Antoniu, B. (816) 9
- Morlé, L., see Alloisio, N. (816) 57
- Morrison, I.E.G., see Hu, K.-S. (816) 358
- Moscarello, M.A., see Boggs, J.M. (816) 208
- Moscarello, M.A., see Mitranic, M.M. (816) 182
- Müller, M., see Schwerzmann, K. (816) 63
- Nojima, S., see Inoue, J. (816) 321
- Paiement, J. and Joly, L.-P.
 Effect of organic mercury on the electrical resistance of phosphatidylserine bilayers (816) 179
- Panet, R., Snyder, D. and Atlan, H.
 Coupling of a loop diuretic-sensitive Na^{+} influx with the net loop diuretic-sensitive K^{+} efflux in mouse NIH 3T3 cells (816) 278
- Patton, J.S., see Rigler, M.W. (816) 131
- Patton, W.F., Kim, J. and Jacobson, B.S.
 Rapid, high-yield purification of cell surface membrane using colloidal magnetite coated with polyvinylamine: Sedimentation versus magnetic isolation (816) 83
- Piffeteau, A. and Gaudry, M.
 Biotin uptake: influx, efflux and countertransport in *Escherichia coli* K12 (816) 77
- Plagemann, P.G.W. and Wohlhueter, R.M.
 Nitrobenzylthioinosine-sensitive and -resistant nucleoside transport in normal and transformed rat cells (816) 387
- Powell, G.L., Knowles, P.F. and Marsh, D.
 Association of spin-labelled cardiolipin with dimyristoylphosphatidylcholine-substituted bovine heart cytochrome c oxidase. A generalized specificity increase rather than highly specific binding sites (816) 191

- Rangaraj, G., see Boggs, J.M. (816) 208
- Rangaraj, G., see Boggs, J.M. (816) 221
- Rataboul, P., Alibert, G., Boller, T. and Boudet, A.M.
Intracellular transport and vacuolar accumulation of *o*-coumaric acid glucoside in *Melilotus alba* mesophyll cell protoplasts (816) 25
- Ray, T.K., see Dutta-Roy, A.K. (816) 187
- Rega, A.F., see Kratje, R.B. (816) 365
- Rega, A.F., see Rossi, J.P.F.C. (816) 379
- Rehm, W.S., see Schwartz, M. (816) 251
- Rigaud, J., see Gibrat, R. (816) 349
- Rigler, M.W., Ferreira, G.C. and Patton, J.S.
Intramembranous particles are clustered on microvillus membrane vesicles (816) 131
- Rogers, J., see Jain, M.K. (816) 153
- Rossi, J.P.F.C., Rega, A.F. and Garrahan, P.J.
Compound 48/80 and calmodulin modify the interaction of ATP with the $(\text{Ca}^{2+} + \text{Mg}^{2+})$ -ATPase of red cell membranes (816) 379
- Schachter, D., see Chabanel, A. (816) 142
- Scherphof, G.L., see Spanjer, H.H. (816) 396
- Schwartz, M., Carrasquer, G. and Rehm, W.S.
Evidence for HCO_3^- conductance pathways in nutrient membrane of bullfrog antrum (816) 251
- Schwerzmann, K., Müller, M. and Carafoli, E.
The inhibitor peptide of the mitochondrial $\text{F}_1 \cdot \text{F}_0$ -ATPase interacts with calmodulin and stimulates the calmodulin-dependent Ca^{2+} -ATPase of erythrocytes (816) 63
- Schwister, K. and Deuticke, B.
Formation and properties of aqueous leaks induced in human erythrocytes by electrical breakdown (816) 332
- Shew, R.L. and Deamer, D.W.
A novel method for encapsulation of macromolecules in liposomes (816) 1
- Simpson, L., see Jain, M.K. (816) 153
- Singer, M.A. and Finegold, L.
Permeability and morphology of low temperature phases in bilayers of single and of mixtures of phosphatidylcholines (816) 303
- Sinha, A.K., see Dutta-Roy, A.K. (816) 187
- Smaal, E.B., Mandersloot, J.G., De Kruijff, B. and De Gier, J.
Essential adaption of the calcium influx assay into liposomes with entrapped arsenazo III for studies on the possible calcium translocating properties of acidic phospholipids (816) 418
- Snyder, D., see Panet, R. (816) 278
- Spanjer, H.H., Van Berkel, T.J.C., Scherphof, G.L. and Kempen, H.J.M.
The effect of a water-soluble tris-galactoside terminated cholesterol derivative on the in vivo fate of small unilamellar vesicles in rats (816) 396
- Sreter, F.A., see Danko, S. (816) 18
- Stokke, B.T., Mikkelsen, A. and Elgsaeter, A.
Human erythrocyte spectrin dimer intrinsic viscosity: Temperature dependence and implications for the molecular basis of the erythrocyte membrane free energy (816) 102
- Tenchov, B.G., Yanev, T.K., Tihova, M.G. and Koynova, R.D.
A probability concept about size distributions of sonicated lipid vesicles (816) 122
- Tihova, M.G., see Tenchov, B.G. (816) 122
- Van Berkel, T.J.C., see Spanjer, H.H. (816) 396
- Van Blitterswijk, W.J., Damen, J., Hilkmann, H. and De Widt, J.
Alterations in biosynthesis and homeostasis of cholesterol and in lipoprotein patterns in mice bearing a transplanted lymphoid tumor (816) 46
- Witorsch, R.J., see Dave, J.R. (816) 313
- Wohlhueter, R.M., see Plagemann, P.G.W. (816) 387
- Yanev, T.K., see Tenchov, B.G. (816) 122
- Zarain-Herzberg, A. and Arroyo-Begovich, A.
Characterization of a calcium-dependent ATPase in *Entamoeba invadens* (816) 258