

Author Index

- Aggarwal, S., see Delamere, N.A. (1149) 102
- Alfieri, J.L., see Esfahani, M. (1149) 217
- Antunes-Madeira, M.C. and Madeira, V.M.C.
Effects of DDE on the fluidity of model and native membranes: implications for the mechanisms of toxicity (1149) 86
- Ash, J.F. and Igo, Jr., R.P.
Numerical analysis reveals complexities of glutamate transport (1149) 109
- Bakker-Woudenberg, I.A.J.M., see Blume, G. (1149) 180
- Baldwin, J.C., see Zahler, R. (1149) 189
- Barca, A., see Vaccaro, A.M. (1149) 55
- Baum, J.D., see Esfahani, M. (1149) 217
- Bayle, D., see Mercier, F. (1149) 151
- Becker, F.F., see Gascoyne, P.R.C. (1149) 119
- Benz, E.J., Jr., see Zahler, R. (1149) 189
- Benz, R., Egli, C. and Hancock, R.E.W.
Anion transport through the phosphate-specific OprP-channel of the *Pseudomonas aeruginosa* outer membrane: effects of phosphate, di- and tribasic anions and of negatively-charged lipids (1149) 224
- Benz, R., see Spieß, I. (1149) 93
- Bergenstål, B., see Johansson, L.B.-Å. (1149) 285
- Besancon, M., see Mercier, F. (1149) 151
- Bessler, W.G., see Metzger, J.W. (1149) 29
- Biesert, L., see Metzger, J.W. (1149) 29
- Bigler, R.D., see Esfahani, M. (1149) 217
- Bizal, G.L., see Soleimani, M. (1149) 127
- Blume, G., Cevc, G., Crommelin, M.D.J.A., Bakker-Woudenberg, I.A.J.M., Kluft, C. and Storm, G.
Specific targeting with poly(ethylene glycol)-modified liposomes: coupling of homing devices to the ends of the polymeric chains combines effective target binding with long circulation times (1149) 180
- Blumrich, M. and Petzinger, E.
Two distinct types of SH-groups are necessary for bumetanide and bile acid uptake into isolated rat hepatocytes (1149) 278
- Brasseur, R., see Lins, L. (1149) 267
- Burt, J.P.H., see Gascoyne, P.R.C. (1149) 119
- Carrasquer, G., Zhang, J.-Y., Geng, Z., Rehm, W.S. and Schwartz, M.
Electrogenicity of the frog gastric mucosa proton pump based on polarization responses in the presence of H⁺-secretion inhibitors (1149) 195
- Cevc, G., see Blume, G. (1149) 180
- Chen, J.-G. and Kempson, S.A.
Phosphate deprivation inhibits NH₄⁺ transport in OK cells (1149) 299
- Chen, X., Han, X. and Gross, R.W.
Dynamics of binary mixtures of plasmenylcholine/arachidonic acid and phosphatidylcholine/arachidonic acid – a study using fluorescence and NMR spectroscopy (1149) 241
- Chevy, F., see Joo, F. (1149) 231
- Chong, P.L.-G. and Wong, P.T.T.
Interactions of Laurdan with phosphatidylcholine liposomes: a high pressure FTIR study (1149) 260
- Ciaffoni, F., see Vaccaro, A.M. (1149) 55
- Coca-Prados, M., see Delamere, N.A. (1149) 102
- Colard, O., see Joo, F. (1149) 231
- Crommelin, M.D.J.A., see Blume, G. (1149) 180
- Cullis, P.R., see Harrigan, P.R. (1149) 329
- Delamere, N.A., Coca-Prados, M. and Aggarwal, S.
Studies on regulation of the ascorbic acid transporter in a cell line derived from rabbit non-pigmented ciliary epithelium (1149) 102
- Dixon, H., see Mills, D.E. (1149) 313
- Duhm, J., Engelmann, B., Schönthier, U.M. and Streich, S.
Accelerated maximal velocity of the red blood cell Na⁺/K⁺ pump in hyperlipidemia is related to increase in 1-palmitoyl,2-arachidonoyl-plasmalogen phosphatidylethanolamine (1149) 185
- Egli, C., see Benz, R. (1149) 224
- Engelmann, B., see Duhm, J. (1149) 185
- Esfahani, M., Bigler, R.D., Alfieri, J.L., Lund-Katz, S., Baum, J.D. and Seerbo, L.
Cholesterol regulates the cell surface expression of glycopospholipid-anchored CD14 antigen on human monocytes (1149) 217
- Fambrough, D.M., see Lemas, M.V. (1149) 339
- Fernandez, A.M., Fernandez-Ballester, G., Ferragut, J.A. and Gonzalez-Ros, J.M.
Labeling of the nicotinic acetylcholine receptor by a photoactivatable steroid probe: effects of cholesterol and cholinergic ligands (1149) 135
- Fernandez-Ballester, G., see Fernandez, A.M. (1149) 135
- Ferragut, J.A., see Fernandez, A.M. (1149) 135
- Fontell, K., see Johansson, L.B.-Å. (1149) 285
- Franco, K., see Zahler, R. (1149) 189
- Fransson, Å., see Johansson, L.B.-Å. (1149) 285
- Franz, H.E., see Steffgen, J. (1149) 145
- Galey, W.R., see Mills, D.E. (1149) 313
- Gascoyne, P.R.C., Pethig, R., Burt, J.P.H. and Becker, F.F.
Membrane changes accompanying the induced differentiation of Friend murine erythroleukemia cells studied by dielectrophoresis (1149) 119
- Genco, I., Gliozzi, A., Relini, A., Robello, M. and Scalas, E.
Electroporation in symmetric and asymmetric membranes (1149) 10
- Geng, Z., see Carrasquer, G. (1149) 195
- Giacomini, K.M., see Gutierrez, M.M. (1149) 202
- Gilmore-Hebert, M., see Zahler, R. (1149) 189
- Gliozzi, A., see Genco, I. (1149) 10
- Gonzalez-Ros, J.M., see Fernandez, A.M. (1149) 135
- Greenhut, S.F., Taylor, K.M.P. and Roseman, M.A.
Tight insertion of cytochrome *b*₅ into large unilamellar vesicles (1149) 1

- Gross, R.W., see Chen, X. (1149) 241
- Gründemann, D., see Steffgen, J. (1149) 145
- Günther, T. and Höllriegl, V.
Na⁺- and anion-dependent Mg²⁺ influx in isolated hepatocytes (1149) 49
- Gutierrez, M.M. and Giacomini, K.M.
Substrate selectivity, potential sensitivity and stoichiometry of Na⁺-nucleoside transport in brush border membrane vesicles from human kidney (1149) 202
- Han, X., see Chen, X. (1149) 241
- Hancock, R.E.W., see Benz, R. (1149) 224
- Hanson, T.P., see Strasburg, G.M. (1149) 249
- Harrigan, P.R., Wong, K.F., Redelmeier, T.E., Wheeler, J.J. and Cullis, P.R.
Accumulation of doxorubicin and other lipophilic amines into large unilamellar vesicles in response to transmembrane pH gradients (1149) 329
- Harrison, M.M., Roth, M.R., Hooker, A.A., Rintoul, D.A. and Welti, R.
Phase behavior and arrangement of molecular species in mixtures of a mixed chain and a symmetric phosphatidylethanolamine in the gel and fluid phases (1149) 292
- Hatcher, M.E. and Plachy, W.Z.
Dioxygen diffusion in the stratum corneum: an EPR spin label study (1149) 73
- Hattabaugh, Y.J., see Soleimani, M. (1149) 127
- Höllriegl, V., see Günther, T. (1149) 49
- Hong, K., see Lundberg, B. (1149) 305
- Hooker, A.A., see Harrison, M.M. (1149) 292
- Hui, S.W., see Langner, M. (1149) 175
- Igo, Jr., R.P., see Ash, J.F. (1149) 109
- Iwatsuru, M., see Maruyama, K. (1149) 209
- Johansson, L.B.-Å., Kalman, B., Wikander, G., Fransson, Å., Fontell, K., Bergenstahl, B. and Lindblom, G.
Phase equilibria and formation of vesicles of dioleoylphosphatidylcholine in glycerol/water mixtures (1149) 285
- Joo, F., Chevy, F., Colard, O. and Wolf, C.
The activation of rat platelets increases the exposure of polyunsaturated fatty acid enriched phospholipids on the external leaflet of the plasma membrane (1149) 231
- Joys, T., see Mercier, F. (1149) 151
- Jung, G., see Metzger, J.W. (1149) 29
- Kalman, B., see Johansson, L.B.-Å. (1149) 285
- Kempson, S.A., see Chen, J.-G. (1149) 299
- Kienle, S., see Steffgen, J. (1149) 145
- Kluft, C., see Blume, G. (1149) 180
- Koepsell, H., see Steffgen, J. (1149) 145
- Krämer, R., see Stappen, R. (1149) 40
- Lafleur, M., see Monette, M. (1149) 319
- Langner, M. and Hui, S.W.
Merocyanine interaction with phosphatidylcholine bilayers (1149) 175
- Lemas, M.V. and Fambrough, D.M.
Sequence analysis of DNA encoding an avian Na⁺,K⁺-ATPase β 2-subunit (1149) 339
- Lewin, M.J.M., see Mercier, F. (1149) 151
- Lindblom, G., see Johansson, L.B.-Å. (1149) 285
- Lins, L., Brasseur, R., Rosseneu, M., Vanloo, B. and Ruyschaert, J.-M.
Structure of the apolipoprotein A-IV/lipid discoidal complexes: an attenuated total reflection polarized Fourier transform infrared spectroscopy study (1149) 267
- Louis, C.F., see Strasburg, G.M. (1149) 249
- Lund-Katz, S., see Esfahani, M. (1149) 217
- Lundberg, B., Hong, K. and Papahadjopoulos, D.
Conjugation of apolipoprotein B with liposomes and targeting to cells in culture (1149) 305
- Madeira, V.M.C., see Antunes-Madeira, M.C. (1149) 86
- Maruyama, K., Unezaki, S., Takahashi, N. and Iwatsuru, M.
Enhanced delivery of doxorubicin to tumor by long-circulating thermosensitive liposomes and local hyperthermia (1149) 209
- Mercier, F., Bayle, D., Besancon, M., Joys, T., Shin, J.M., Lewin, M.J.M., Prinz, C., Reuben, M.A., Soumarmon, A., Wong, H., Walsh, J.H. and Sachs, G.
Antibody epitope mapping of the gastric H⁺/K⁺-ATPase (1149) 151
- Metzger, J.W., Sawyer, W.H., Wille, B., Biesert, L., Bessler, W.G. and Jung, G.
Interaction of immunologically-active lipopeptides with membranes (1149) 29
- Mills, D.E., Galey, W.R. and Dixon, H.
Effects of dietary fatty-acid supplementation on fatty-acid composition and deformability of young and old erythrocytes (1149) 313
- Monette, M., Van Calsteren, M.-R. and Lafleur, M.
Effect of cholesterol on the polymorphism of dipalmitoylphosphatidylcholine/melittin complexes: an NMR study (1149) 319
- Nijweide, P.J., see Weidema, A.F. (1149) 63
- Oelberg, D.G., Xu, F. and Shabarek, F.
Sodium/proton transport by apical membranes of type-II pneumocytes (1149) 19
- Ouyang, H.X., see Strasburg, G.M. (1149) 249
- Panyi, G., see Weidema, A.F. (1149) 63
- Papahadjopoulos, D., see Lundberg, B. (1149) 305
- Pethig, R., see Gascoyne, P.R.C. (1149) 119
- Petzinger, E., see Blumrich, M. (1149) 278
- Plachy, W.Z., see Hatcher, M.E. (1149) 73
- Praet, M. and Ruyschaert, J.-M.
In-vivo and in-vitro mitochondrial membrane damages induced in mice by adriamycin and derivatives (1149) 79
- Prinz, C., see Mercier, F. (1149) 151
- Ravesloot, J.H., see Weidema, A.F. (1149) 63
- Redelmeier, T.E., see Harrigan, P.R. (1149) 329
- Rehm, W.S., see Carrasquer, G. (1149) 195
- Relini, A., see Genco, I. (1149) 10
- Reuben, M.A., see Mercier, F. (1149) 151
- Rintoul, D.A., see Harrison, M.M. (1149) 292
- Robello, M., see Genco, I. (1149) 10
- Roncaioli, P., see Vaccaro, A.M. (1149) 55
- Roseman, M.A., see Greenhut, S.F. (1149) 1
- Rosseneu, M., see Lins, L. (1149) 267
- Roth, M.R., see Harrison, M.M. (1149) 292
- Ruyschaert, J.-M., see Lins, L. (1149) 267
- Ruyschaert, J.-M., see Praet, M. (1149) 79
- Sachs, G., see Mercier, F. (1149) 151
- Salvioli, R., see Vaccaro, A.M. (1149) 55
- Sawyer, W.H., see Metzger, J.W. (1149) 29
- Scalas, E., see Genco, I. (1149) 10
- Scerbo, L., see Esfahani, M. (1149) 217
- Scheyerl, F., see Steffgen, J. (1149) 145
- Schönthier, U.M., see Duhm, J. (1149) 185
- Schwartz, M., see Carrasquer, G. (1149) 195
- Shabarek, F., see Oelberg, D.G. (1149) 19

- Shin, J.M., see Mercier, F. (1149) 151
- Soleimani, M., Hattabaugh, Y.J. and Bizal, G.L.
Identification and covalent modification of a renal brush-border anion exchanger (1149) 127
- Soumarmon, A., see Mercier, F. (1149) 151
- Spieß, I., Wang, J., Benz, R. and Zimmermann, U.
Characterization of the chloride carrier in the plasmalemma of the alga *Valonia utricularis*: the inhibition by 4,4'-diisothiocyanatostilbene-2,2'-disulfonic acid (1149) 93
- Stappen, R. and Krämer, R.
Functional properties of the reconstituted phosphate carrier from bovine heart mitochondria: Evidence for asymmetric orientation and characterization of three different transport modes (1149) 40
- Steffgen, J., Scheyerl, F., Gründemann, D., Kienle, S., Franz, H.E. and Koepsell, H.
Characterization of *p*-aminohippurate transport from rat kidney which is expressed after injection of size-selected mRNA into oocytes of *Xenopus laevis* (1149) 145
- Storm, G., see Blume, G. (1149) 180
- Strasburg, G.M., Hanson, T.P., Ouyang, H.X. and Louis, C.F.
Localization and functional role of the calmodulin-binding domain of phospholamban in cardiac sarcoplasmic reticulum vesicles (1149) 249
- Streich, S., see Duhm, J. (1149) 185
- Sugi, H., see Yamanobe, T. (1149) 166
- Takahashi, N., see Maruyama, K. (1149) 209
- Tatti, M., see Vaccaro, A.M. (1149) 55
- Taylor, K.M.P., see Greenhut, S.F. (1149) 1
- Unezaki, S., see Maruyama, K. (1149) 209
- Vaccaro, A.M., Tatti, M., Ciaffoni, F., Salvioli, R., Barca, A. and Roncaioli, P.
Studies on glucosylceramidase binding to phosphatidylserine liposomes: the role of bilayer curvature (1149) 55
- Van Calsteren, M.-R., see Monette, M. (1149) 319
- Vanloo, B., see Lins, L. (1149) 267
- Walsh, J.H., see Mercier, F. (1149) 151
- Wang, J., see Spieß, I. (1149) 93
- Weidema, A.F., Ravesloot, J.H., Panyi, G., Nijweide, P.J. and Ypey, D.L.
A Ca^{2+} -dependent K^{+} -channel in freshly isolated and cultured chick osteoclasts (1149) 63
- Welti, R., see Harrison, M.M. (1149) 292
- Wheeler, J.J., see Harrigan, P.R. (1149) 329
- Wikander, G., see Johansson, L.B.-Å. (1149) 285
- Wille, B., see Metzger, J.W. (1149) 29
- Wolf, C., see Joo, F. (1149) 231
- Wong, H., see Mercier, F. (1149) 151
- Wong, K.F., see Harrigan, P.R. (1149) 329
- Wong, P.T.T., see Chong, P.L.-G. (1149) 260
- Xu, F., see Oelberg, D.G. (1149) 19
- Yamanobe, T. and Sugi, H.
Purification and characterization of a Ca^{2+} -binding 450-kDa protein (MCBP-450) in the plasma membrane-enriched fraction from a molluscan smooth muscle (1149) 166
- Ypey, D.L., see Weidema, A.F. (1149) 63
- Zahler, R., Gilmore-Hebert, M., Baldwin, J.C., Franco, K. and Benz, E.J., Jr.
Expression of α isoforms of the Na,K-ATPase in human heart (1149) 189
- Zhang, J.-Y., see Carrasquer, G. (1149) 195
- Zimmermann, U., see Spieß, I. (1149) 93