

## AUTHOR INDEX

- Aizono, Y., see Utsumi, T. (772) 202
- Alfsen, A., see De Paillerets, C. (772) 183
- Allan, D., see Raval, P.J. (772) 192
- Allemand, D., De Renzis, G., Ciapa, B., Girard, J.-P. and Payan, P.  
Characterization of valine transport in sea urchin eggs (772) 337
- Araújo, P.S., see Garcia, L.A.M. (772) 231
- Balgavý, P., Gawrisch, K. and Frischleder, H.  
Effect of *N*-alkyl-*N,N,N*-trimethylammonium ions on phosphatidylcholine model membrane structure as studied by <sup>31</sup>P-NMR (772) 58
- Barbet, J., Machy, P., Truneh, A. and Leserman, L.D.  
Weak acid-induced release of liposome-encapsulated carboxyfluorescein (772) 347
- Beaugé, L. and Berberian, G.  
Acetyl phosphate can act as a substrate for Na<sup>+</sup> transport by (Na<sup>+</sup> + K<sup>+</sup>)-ATPase (772) 411
- Berberian, G., see Beaugé, L. (772) 411
- Berg, T., see Blomhoff, R. (772) 109
- Bergmann, W.L., Dressler, V., Haest, C.W.M. and Deuticke, B.  
Reorientation rates and asymmetry of distribution of lysophospholipids between the inner and outer leaflet of the erythrocyte membrane (772) 328
- Bittman, R., Clejan, S., Lund-Katz, S. and Phillips, M.C.  
Influence of cholesterol on bilayers of ester- and ether-linked phospholipids. Permeability and <sup>13</sup>C-nuclear magnetic resonance measurements (772) 117
- Blakeman, D.P., see Im, W.B. (772) 167
- Blomhoff, R., Helgerud, P., Dueland, S., Berg, T., Pedersen, J.I., Norum, K.R. and Drevon, C.A.  
Lymphatic absorption and transport of retinol and vitamin D-3 from rat intestine. Evidence for different pathways (772) 109
- Bodemann, H.H. and Karsch, B.  
Transfer of Tris buffer and effects on K<sup>+</sup> loss in human red blood cells and reconstituted ghosts (772) 77
- Borst-Pauwels, G.W.F.H., see Boxman, A.W. (772) 51
- Boxman, A.W., Dobbmann, J. and Borst-Pauwels, G.W.F.H.  
Possible energization of K<sup>+</sup> accumulation into metabolizing yeast by the protonmotive force. Binding correction to be applied in the calculation of the yeast membrane potential from tetraphenylphosphonium distribution (772) 51
- Bredoux, R., see Enouf, J. (772) 251
- Bresseleers, G.J.M., Goderis, H.L. and Tobback, P.P.  
Measurement of the glucose permeation rate across phospholipid bilayers using small unilamellar vesicles. Effect of membrane composition and temperature (772) 374
- Brian, A.A., see Thompson, N.L. (772) 10
- Brockhoff, H., see Chauhan, V.P.S. (772) 239
- Burckhardt, G., see Sabolić, I. (772) 140
- Chaimovich, H., see Garcia, L.A.M. (772) 231
- Chauhan, V.P.S., Ramsammy, L.S. and Brockhoff, H.  
Molecular interactions in the hydrogen belts of membranes. Glucose-6-phosphatase, lysophosphatidylcholine, and cholesterol (772) 239
- Chen, Y.-H., see Teng, C.-M. (772) 393
- Chong, P.L.-G. and Cossins, A.R.  
Interacting effects of temperature, pressure and cholesterol content upon the molecular order of dioleoylphosphatidylcholine vesicles (772) 197
- Ciapa, B., see Allemand, D. (772) 337
- Clejan, S., see Bittman, R. (772) 117
- Cliffe, C.M., II, see Hafeman, D.G. (772) 20
- Cornelius, F. and Skou, J.C.  
Reconstitution of (Na<sup>+</sup> + K<sup>+</sup>)-ATPase into phospholipid vesicles with full recovery of its specific activity (772) 357
- Cossins, A.R., see Chong, P.L.-G. (772) 197
- Coster, H.G.L., see Laver, D.R. (772) 1
- Crane, R.K., see Dorando, F.C. (772) 273
- Csáky, T.Z. and Fischer, E.  
Effects of ketohexosemia on the ketohexose transport in the small intestine of rats (772) 259
- Dave, J.R. and Witorsch, R.J.  
Modulation of prolactin binding sites in vitro by membrane fluidizers. II. Age-dependent effects on rat ventral prostatic membranes (772) 321
- Davies, G.E.  
Association of actin with the platelet membrane (772) 149
- Dell, K.R., see Hui, S.W. (772) 264
- De Paillerets, C., Gallay, J. and Alfsen, A.  
Effect of cholesterol and protein content on membrane fluidity and 3β-hydroxysteroid dehydrogenase activity in mitochondrial inner membranes of bovine adrenal cortex (772) 183
- De Renzis, G., see Allemand, D. (772) 337
- Deuticke, B., see Bergmann, W.L. (772) 328
- Deziel, M., Pegg, W., Mack, E., Rothstein, A. and Klip, A.  
Labelling of the human erythrocyte glucose transporter with <sup>3</sup>H-labelled cytochalasin B occurs via protein photoactivation (772) 403
- Dobbmann, J., see Boxman, A.W. (772) 51
- Dorando, F.C. and Crane, R.K.  
Studies of the kinetics of Na<sup>+</sup> gradient-coupled glucose transport as found in brush-border membrane vesicles from rabbit jejunum (772) 273

- Dressler, V., see Bergmann, W.L. (772) 328  
 Drevon, C.A., see Blomhoff, R. (772) 309  
 Dueland, S., see Blomhoff, R. (772) 109  
 Dugdale, M., see Lasslo, A. (772) 84
- Ellory, J.C., see Jarvis, S.M. (772) 227  
 Enouf, J., Bredoux, R. and Lévy-Toledano, S.  
 Characterization of calcium liberation from a human platelet membrane fraction (772) 251  
 Epand, R.F., see Hui, S.W. (772) 264  
 Epand, R.M., see Hui, S.W. (772) 264
- Felle, H.  
 Steady-state current-voltage characteristics of amino acid transport in rhizoid cells of *Riccia fluitans*. Is the carrier negatively charged? (772) 307  
 Fieldhouse, J.M., see Im, W.B. (772) 167  
 Fincham, D.A., see Jarvis, S.M. (772) 227  
 Fischer, E., see Csáky, T.Z. (772) 259  
 Fleischer, S., see North, P. (772) 65  
 Foder, B., see Scharff, O. (772) 29  
 Frischleder, H., see Balgavý, P. (772) 58  
 Funatsu, G., see Utsumi, T. (772) 202
- Gains, N. and Hauser, H.  
 Leakiness of brush-border vesicles (772) 161  
 Gallay, J., see De Paillerets, C. (772) 183  
 Garcia, L.A.M., Araújo, P.S. and Chaimovich, H.  
 Fusion of small unilamellar vesicles induced by a serum albumin fragment of molecular weight 9000 (772) 231  
 Gawrisch, K., see Balgavý, P. (772) 58  
 Girard, J.-P., see Allemand, D. (772) 337  
 Goderis, H.L., see Bresseleers, G.J.M. (772) 374  
 Gross, C.J. and Henderson, L.M.  
 Absorption of D- and L-carnitine by the intestine and kidney tubule in the rat (772) 209
- Haest, C.W.M., see Bergmann, W.L. (772) 328  
 Hafeman, D.G., Seul, M., Cliffe, C.M., II and McConnell, H.M.  
 Superoxide enhances photobleaching during cellular immune attack against fluorescent lipid monolayer membranes (772) 20  
 Hauser, H.  
 Some aspects of the phase behaviour of charged lipids (772) 37
- Hauser, H., see Gains, N. (772) 161  
 Helgerud, P., see Blomhoff, R. (772) 109  
 Henderson, L.M., see Gross, C.J. (772) 209  
 Hui, S.W., Epand, R.M., Dell, K.R., Epand, R.F. and Orłowski, R.C.  
 Effects of lipid structure on peptide-lipid interactions. Complexes of salmon calcitonin with phosphatidylglycerol and with phosphatidic acid (772) 264
- Im, W.B., Blakeman, D.P., Fieldhouse, J.M. and Rabon, E.C.  
 Effect of carbachol or histamine stimulation on rat gastric membranes enriched in (H<sup>+</sup>-K<sup>+</sup>)-ATPase (772) 167
- Jarvis, S.M., Fincham, D.A., Ellory, J.C., Paterson, A.R.P. and Young, J.D.  
 Nucleoside transport in human erythrocytes. Nitrobenzylthioinosine binding and uridine transport activities have similar radiation target sizes (772) 227  
 Johnson, R.W., see Lasslo, A. (772) 84
- Kamaya, H., see Shibata, A. (772) 383  
 Karsch, B., see Bodemann, H.H. (772) 77  
 Klip, A., see Deziel, M. (772) 403  
 Kramer, I., Vienken, K., Vienken, J. and Zimmermann, U.  
 Magneto-electro-fusion of human erythrocytes (772) 407
- Lagocki, P.A., see Schwendener, R.A. (772) 93  
 Lasslo, A., Quintana, R.P., Johnson, R.W., Naylor, J.L. and Dugdale, M.  
 Relationships between the chemical constitution of aggregation inhibitors and human blood platelet response profile (772) 84  
 Laver, D.R., Smith, J.R. and Coster, H.G.L.  
 The thickness of the hydrophobic and polar regions of glycerol monooleate bilayers determined from the frequency-dependence of bilayer capacitance (772) 1  
 Leserman, L.D., see Barbet, J. (772) 347  
 Lévy-Toledano, S., see Enouf, J. (772) 251  
 Luciani, S.  
 Reconstitution of the sodium-calcium exchanger from cardiac sarcolemmal vesicles (772) 127  
 Lukacovic, M.F., Toon, M.R. and Solomon, A.K.  
 Site of red cell cation leak induced by mercurial sulfhydryl reagents (772) 313  
 Lund-Katz, S., see Bittman, R. (772) 117
- Machy, P., see Barbet, J. (772) 347  
 Mack, E., see Deziel, M. (772) 403  
 Martin, N.J., see Robinson, J.D. (772) 295  
 McConnell, H.M., see Hafeman, D.G. (772) 20  
 McConnell, H.M., see Thompson, N.L. (772) 10
- Naylor, J.L., see Lasslo, A. (772) 84  
 North, P. and Fleischer, S.  
 Protein-mediated exchange of synthetic phosphatidylcholines into synaptosomal membranes (772) 65  
 Norum, K.R., see Blomhoff, R. (772) 109
- Okabayashi, H., see Yoshida, T. (772) 102  
 Orłowski, R.C., see Hui, S.W. (772) 264  
 Ouyang, C., see Teng, C.-M. (772) 393
- Paterson, A.R.P., see Jarvis, S.M. (772) 227  
 Payan, P., see Allemand, D. (772) 337  
 Pegg, W., see Deziel, M. (772) 403  
 Pedersen, J.I., see Blomhoff, R. (772) 109  
 Persson, B.-E. and Spring, K.R.  
 Permeability properties of the subepithelial tissues of *Necturus* gallbladder (772) 135  
 Peters, T.J., see Simpson, R.J. (772) 220  
 Phillips, M.C., see Bittman, R. (772) 117

- Quintana, R.P., see Lasslo, A. (772) 84
- Rabon, E.C., see Im, W.B. (772) 167
- Rahman, Y.E., see Schwendener, R.A. (772) 93
- Ramsammy, L.S., see Chauhan, V.P.S. (772) 239
- Raval, P.J. and Allan, D.  
Phospholipid asymmetry in the membranes of intact human erythrocytes and in spectrin-free microvesicles derived from them (772) 192
- Robinson, J.D., Robinson, L.J. and Martin, N.J.  
Effects of oligomycin and quercetin on the hydrolytic activities of the ( $\text{Na}^+ + \text{K}^+$ )-dependent ATPase (772) 295
- Robinson, L.J., see Robinson, J.D. (772) 295
- Rothstein, A., see Deziel, M. (772) 403
- Sabolić, I. and Burckhardt, G.  
Effect of the preparation method on  $\text{Na}^+$ - $\text{H}^+$  exchange and ion permeabilities in rat renal brush-border membranes (772) 140
- Scharff, O. and Foder, B.  
Effect of trifluoperazine, compound 48/80, TMB-8 and verapamil on the rate of calmodulin binding to erythrocyte  $\text{Ca}^{2+}$ -ATPase (772) 29
- Schoomaker, E., see Tang, L.C. (772) 235
- Schwendener, R.A., Lagocki, P.A. and Rahman, Y.E.  
The effects of charge and size on the interaction of unilamellar liposomes with macrophages (772) 93
- Seul, M., see Hafeman, D.G. (772) 20
- Sharpe, P.T. and Warren, G.S.  
The incorporation of glycolipids with defined carbohydrate sequence into liposomes and the effects on partition in aqueous two-phase systems (772) 176
- Shibata, S., Suezaki, Y., Kamaya, H. and Ueda, I.  
Anesthetic-protein interaction. Random versus helix polylysine monolayers and interaction with 1-alkanols (772) 383
- Simpson, R.J. and Peters, T.J.  
Studies of  $\text{Fe}^{3+}$  transport across isolated intestinal brush-border membrane of the mouse (772) 220
- Skou, J.C., see Cornelius, F. (772) 357
- Smith, J.R., see Laver, D.R. (772) 1
- Snyder, S.L. and Vannier, W.E.  
Immunologic response to protein immobilized on the surface of liposomes via covalent azo-bonding (772) 288
- Solomon, A.K., see Lukacovic, M.F. (772) 313
- Spring, K.R., see Persson, B.-E. (772) 135
- Suezaki, Y., see Shibata, A. (772) 383
- Takahashi, K., see Yoshida, T. (772) 102
- Tang, L.C., Schoomaker, E. and Wiesmann, W.P.  
Cholinergic agonists stimulate calcium uptake and cGMP formation in human erythrocytes (772) 235
- Teng, C.-M., Chen, Y.-H. and Ouyang, C.  
Biphasic effect on platelet aggregation by phospholipase A purified from *Vipera russellii* snake venom (772) 393
- Thompson, N.L., Brian, A.A. and McConnell, H.M.  
Covalent linkage of a synthetic peptide to a fluorescent phospholipid and its incorporation into supported phospholipid monolayers (772) 10
- Tobback, P.P., see Bresselers, G.J.M. (772) 374
- Toon, M.R., see Lukacovic, M.F. (772) 313
- Truneh, A., see Barbet, J. (772) 347
- Ueda, I., see Shibata, A. (772) 383
- Ueda, I., see Yoshida, T. (772) 102
- Utsumi, T., Aizono, Y. and Funatsu, G.  
Interaction of ricin and its constituent polypeptides with dipalmitoylphosphatidylcholine vesicles (772) 202
- Vannier, W.E., see Snyder, S.L. (772) 288
- Vienken, J., see Kramer, I. (772) 407
- Vienken, K., see Kramer, I. (772) 407
- Vinten, J.  
Accelerated net efflux of 3-O- $^{14}\text{C}$  methylglucose in isolated fat cells (772) 244
- Warren, G.S., see Sharpe, P.T. (772) 176
- Wiesmann, W.P., see Tang, L.C. (772) 235
- Witorsch, R.J., see Dave, J.R. (772) 321
- Yoshida, T., Okabayashi, H., Takahashi, K. and Ueda, I.  
A proton nuclear magnetic resonance study on the release of bound water by inhalation anesthetic in water-in-oil emulsion (772) 102
- Young, J.D., see Jarvis, S.M. (772) 227
- Zimmermann, U., see Kramer, I. (772) 407