

Author index

- Akera, T., see Hagane, K. (1982) 279
- Akerboom, T.P.M., see Kunst, M. (1982) 15
- Allen, R.A., see Cupo, J.F. (1982) 31
- Anghileri, L.J., Maincent, P. and Robert, J.
Enhancement of colloid uptake by tumor cell surface electrical charge modification (1982) 307
- Antunes-Madeira, M.C. and Madeira, V.M.C.
Membrane fluidity as affected by the insecticide lindane (1982) 161
- Attias de Murciano, A., see Ramos, H. (1982) 303
- Bakker-Grunwald, T., see Keller, F. (1982) 89
- Bhakuni, V. and Gupta, C.M.
Carbamyl phosphatidylcholine - cholesterol interactions in unilamellar vesicles (1982) 216
- Bienvenüe, A., see Sainte-Marie, J. (1982) 265
- Bokoch, G.M., see Cupo, J.F. (1982) 31
- Bolard, J., see Henry-Toulmé, N. (1982) 245
- Bolard, J., see Ramos, H. (1982) 303
- Bradrick, T.D., Freire, E. and Georgiou, S.
A high-sensitivity differential scanning calorimetric study of the interaction of melittin with dipalmitoylphosphatidylcholine fused unilamellar vesicles (1982) 94
- Brandsch, M., see Ermisch, A. (1982) 79
- Bresler, V.M., Valter, S.N., Jeretsova, M.A., Isayev-Ivanov, V.V., Kazbekov, E.N., Kleiner, A.R., Orlov, Y.N., Ostapenko, I.A., Suchodolova, A.T. and Fomichev, V.N.
The influence of the lipid bilayer phase state on the *p*-aminohippurate (PAH) transport and the activity of the alkaline phosphatase in brush-border membrane vesicles from normal and mutant rats (1982) 288
- Bridal, T., see Roeske, R.W. (1982) 223
- Brust, P., see Ermisch, A. (1982) 79
- Burke, T.G., Israel, M., Seshadri, R. and Doroshov, J.H.
A fluorescence study examining how 14-valerate side chain substitution modulates anthracycline binding to small unilamellar phospholipid vesicles (1982) 123
- Burns, K., see Fliegel, L. (1982) 1
- Busath, D., see Roeske, R.W. (1982) 223
- Carrasquer, G., Wu, X., Kissel, D., Rehm, W.S., Schwartz, M. and Dinno, M.A.
Microelectrode studies of amphotericin B on Na⁺ and K⁺ conductance in bullfrog cornea (1982) 73
- Casal, H.I., Mantsch, H.H. and Hauser, H.
Infrared and ³¹P-NMR studies of the interaction of Mg²⁺ with phosphatidylserines: effect of hydrocarbon chain unsaturation (1982) 228
- Chang, C.C.Y., see Shi, S.P. (1982) 187
- Chang, T.Y., see Shi, S.P. (1982) 187
- Cheng, N., see De Loecker, W. (1982) 9
- Cohen, B.E., see Ramos, H. (1982) 303
- Crowe, J.H., see McKersie, B.D. (1982) 156
- Crowe, L.M., see McKersie, B.D. (1982) 156
- Cupo, J.F., Allen, R.A., Jesaitis, A.J. and Bokoch, G.M.
Reconstitution and characterization of the human neutrophil N-formyl peptide receptor and GTP binding proteins in phospholipid vesicles (1982) 31
- De Loecker, W., Delpont, P.H. and Cheng, N.
Effects of pulsed electromagnetic fields on rat skin metabolism (1982) 9
- Delpont, P.H., see De Loecker, W. (1982) 9
- De Pont, J.J.H.H.M., see Schuurmans Stekhoven, F.M.A.H. (1982) 103
- Deuticke, B., Henseleit, U., Haest, C.W.M., Heller, K.B. and Dubbelman, T.M.A.R.
Enhancement of transbilayer mobility of a membrane lipid probe accompanies formation of membrane leaks during photodynamic treatment of erythrocytes (1982) 53
- Dinno, M.A., see Carrasquer, G. (1982) 73
- Doroshov, J.H., see Burke, T.G. (1982) 123
- Dubbelman, T.M.A.R., see Deuticke, B. (1982) 53
- Edgar, A., see Koffer, A. (1982) 295
- Eklund, K.K., see Salonen, I.S. (1982) 205
- Ermisch, A., Brust, P. and Brandsch, M.
 β -Casomorphins alter the intestinal accumulation of L-leucine (1982) 79
- Fisher, K.A. and Yanagimoto, K.C.
Transmembrane signaling: tumor promoter distribution (1982) 237
- Fliegel, L., Burns, K., Opas, M. and Michalak, M.
The high-affinity calcium binding protein of sarcoplasmic reticulum. Tissue distribution, and homology with calregulin (1982) 1
- Fomichev, V.N., see Bresler, V.M. (1982) 288
- Freire, E., see Bradrick, T.D. (1982) 94
- Fung, L.W.-M., Narasimhan, C., Lu, H.-Z. and Westerman, M.P.
Reduced water exchange in sickle cell anemia red cells: a membrane abnormality (1982) 167
- Galla, H.-J., see Tampé, R. (1982) 41
- Georgiou, S., see Bradrick, T.D. (1982) 94
- Gliozzi, A., see Robello, M. (1982) 173
- Görlisch, J.-K., see Lenzen, S. (1982) 140
- Gould, G.W., see Shi, S.P. (1982) 187
- Gupta, C.M., see Bhakuni, V. (1982) 216
- Haest, C.W.M., see Deuticke, B. (1982) 53
- Hagane, K., Akera, T. and Stemmer, P.
Effects of Ca²⁺ on the sodium pump observed in cardiac myocytes isolated from guinea pigs (1982) 279
- Hägerstrand, H. and Isomaa, B.
Vesiculation induced by amphiphiles in erythrocytes (1982) 179
- Hanke, W., see Keller, F. (1982) 89
- Hauser, H., see Casal, H.I. (1982) 228
- Heller, K.B., see Deuticke, B. (1982) 53
- Helmkamp, Jr., G.M., see Thomas, P.J. (1982) 24
- Henry-Toulmé, N., Seman, M. and Bolard, J.
Interaction of amphotericin B and its N-fructosyl derivative with murine thymocytes: a comparative study using fluorescent membrane probes (1982) 245
- Henseleit, U., see Deuticke, B. (1982) 53
- Finyo-Pavlina, T.P., see Roeske, R.W. (1982) 223
- Isayev-Ivanov, V.V., see Bresler, V.M. (1982) 288
- Isomaa, B., see Hägerstrand, H. (1982) 179
- Israel, M., see Burke, T.G. (1982) 123

- Jerebtsova, M.A., see Bresler, V.M. (1982) 288
- Jesaitis, A.J., see Cupo, J.F. (1982) 31
- Jin, X.-Z., see Roeske, R.W. (1982) 223
- Jonas, J., see Winter, R. (1982) 85
- Kazbekov, E.N., see Bresler, V.M. (1982) 288
- Keller, F., Hanke, W., Trissl, D. and Bakker-Grunwald, T.
Pore-forming protein from *Entamoeba histolytica* forms voltage- and pH-controlled multi-state channels with properties similar to those of the barrel-stave aggregates (1982) 89
- King, S.C. and Wilson, T.H.
Galactoside-dependent proton transport by mutants of the *Escherichia coli* lactose carrier: substitution of tyrosine for histidine-322 and of leucine for serine-306 (1982) 253
- Kinnunen, P.K.J., see Salonen, I.S. (1982) 205
- Kissel, D., see Carrasquer, G. (1982) 73
- Kleiner, A.R., see Bresler, V.M. (1982) 288
- Koffer, A. and Edgar, A.
Enhanced number of actin binding sites on plasma membranes of polyoma virus-transformed fibroblasts (1982) 295
- Korstanje, L.J., Van Faassen, E.E. and Levine, Y.K.
Reorientational dynamics in lipid vesicles and liposomes studied with ESR: effects of hydration, curvature and unsaturation (1982) 196
- Kunst, M., Sies, H. and Akerboom, T.P.M.
S-(4-Azidophenacyl)-³⁵S-glutathione photoaffinity labeling of rat liver plasma membrane-associated proteins (1982) 15
- Lavasa, M., see Padh, H. (1982) 271
- Lenzen, S., Görlich, J.-K. and Rustenbeck, I.
Regulation of transmembrane ion transport by reaction products of phospholipase A₂. I. Effects of lysophospholipids on mitochondrial Ca²⁺ transport (1982) 140
- Lenzen, S., see Rustenbeck, I. (1982) 147
- Leunissen, J., see Schuurmans Stekhoven, F.M.A.H. (1982) 103
- Levine, Y.K., see Korstanje, L.J. (1982) 196
- Lieberman, D.M., see Werner, P.K. (1982) 309
- Lu, H.-Z., see Fung, L.W.-M. (1982) 167
- Lundahl, P., see Wallstén, M. (1982) 47
- Madeira, V.M.C., see Antunes-Madeira, M.C. (1982) 161
- Maincent, P., see Anghileri, L.J. (1982) 307
- Mantsch, H.H., see Casal, H.L. (1982) 228
- McKersie, B.D., Crowe, J.H. and Crowe, L.M.
Free fatty acid effects on leakage, phase properties and fusion of fully hydrated model membranes (1982) 156
- Michalak, M., see Fliegel, L. (1982) 1
- Misler, S., see Tabcharani, J.A. (1982) 62
- Miura, S., see Yokono, S. (1982) 300
- Narasimhan, C., see Fung, L.W.-M. (1982) 167
- Ogli, K., see Yokono, S. (1982) 300
- Opas, M., see Fliegel, L. (1982) 1
- Orlov, Y.N., see Bresler, V.M. (1982) 288
- Ostapenko, I.A., see Bresler, V.M. (1982) 288
- Padh, H., Lavasa, M. and Steck, T.L.
Characterization of a vacuolar proton ATPase in *Dictyostelium discoideum* (1982) 271
- Philippot, J.R., see Sainte-Marie, J. (1982) 265
- Pottorf, R.S., see Roeske, R.W. (1982) 223
- Ramos, H., Attias de Murciano, A., Cohen, B.E. and Bolard, J.
The polyene antibiotic amphotericin B acts as a Ca²⁺ ionophore in sterol-containing liposomes (1982) 303
- Ravel, S., see Sainte-Marie, J. (1982) 265
- Rehm, W.S., see Carrasquer, G. (1982) 73
- Reithmeier, R.A.F., see Werner, P.K. (1982) 309
- Robello, M. and Gliozzi, A.
Conductance transition induced by an electric field in lipid bilayers (1982) 173
- Robert, J., see Anghileri, L.J. (1982) 307
- Robitzki, A., see Tampé, R. (1982) 41
- Roeske, R.W., Hrinyo-Pavlina, T.P., Pottorf, R.S., Bridal, T., Jin, X.-Z. and Busath, D.
Synthesis and channel properties of [Tau¹⁶]gramicidin A (1982) 223
- Rustenbeck, I. and Lenzen, S.
Regulation of transmembrane ion transport by reaction products of phospholipase A₂. II. Effects of arachidonic acid and other fatty acids on mitochondrial Ca²⁺ transport (1982) 147
- Rustenbeck, I., see Lenzen, S. (1982) 140
- Sainte-Marie, J., Vidal, M., Sune, A., Ravel, S., Philippot, J.R. and Bienvenüe, A.
Modifications of LDL-receptor-mediated endocytosis rates in CEM lymphoblastic cells grown in lipoprotein-depleted fetal calf serum (1982) 265
- Salonen, I.S., Eklund, K.K., Virtanen, J.A. and Kinnunen, P.K.J.
Comparison of the effects of NaCl on the thermotropic behaviour of *sn*-1' and *sn*-3' stereoisomers of 1,2-dimyristoyl-*sn*-glycero-3-phosphatidylglycerol (1982) 205
- Schuurmans Stekhoven, F.M.A.H., Zou, Y.S., Swarts, H.G.P., Leunissen, J. and De Pont, J.J.H.M.
Ethylendiamine as active site probe for Na⁺/K⁺-ATPase (1982) 103
- Schwartz, M., see Carrasquer, G. (1982) 73
- Seman, M., see Henry-Toulmé, N. (1982) 245
- Seshadri, R., see Burke, T.G. (1982) 123
- Shantharam, P. and SrinivasaRao, P.
Activity of myelin membrane Na⁺/K⁺-ATPase and 5'-nucleotidase in relation to phospholipid acyl profiles, ganglioside composition and phosphoinositides in developing brains of undernourished rats (1982) 115
- Shi, S.P., Chang, C.C.Y., Gould, G.W. and Chang, T.Y.
Comparison of phosphatidylethanolamine and phosphatidylcholine vesicles produced by treating cholate-phospholipid micelles with cholestyramine (1982) 187
- Sies, H., see Kunst, M. (1982) 15
- SrinivasaRao, P., see Shantharam, P. (1982) 115
- Steck, T.L., see Padh, H. (1982) 271
- Stemmer, P., see Hagane, K. (1982) 279
- Storch, J., see Trotter, P.J. (1982) 131
- Suchodolova, A.T., see Bresler, V.M. (1982) 288
- Sune, A., see Sainte-Marie, J. (1982) 265
- Swarts, H.G.P., see Schuurmans Stekhoven, F.M.A.H. (1982) 103
- Tabcharani, J.A. and Misler, S.
Ca²⁺-activated K⁺ channel in rat pancreatic islet B cells: permeation, gating and blockade by cations (1982) 62
- Tampé, R., Robitzki, A. and Galla, H.-J.
Interaction between glycophorin and a spin-labeled cholesterol analogue in reconstituted dimyristoylphosphatidylcholine bilayer vesicles (1982) 41
- Thiyagarajan, P., see Winter, R. (1982) 85
- Thomas, P.J., Wendelburg, B.E., Venuti, S.E. and Helmkamp, Jr., G.M.
Mature rat testis contains a high molecular weight species of phosphatidylinositol transfer protein (1982) 24
- Trissl, D., see Keller, F. (1982) 89
- Trotter, P.J. and Storch, J.
3-[p-(6-Phenyl)-1,3,5-hexatrienyl]phenylpropionic acid (PA-DPH): characterization as a fluorescent membrane probe and binding to fatty acid binding proteins (1982) 131

- Ueda, I., see Yokono, S. (1982) 300
- Valter, S.N., see Bresler, V.M. (1982) 288
- Van Faassen, E.E., see Korstanje, L.J. (1982) 196
- Venuti, S.E., see Thomas, P.J. (1982) 24
- Vidal, M., see Sainte-Marie, J. (1982) 265
- Virtanen, J.A., see Salonen, I.S. (1982) 205
- Wallstén, M., Yang, Q. and Lundahl, P.
Entrapment of lipid vesicles and membrane protein-lipid vesicles
in gel bead pores (1982) 47
- Wendelburg, B.E., see Thomas, P.J. (1982) 24
- Werner, P.K., Lieberman, D.M. and Reithmeier, R.A.F.
Accessibility of the *N*-ethylmaleimide-unreactive sulfhydryl of hu-
man erythrocyte Band 3 (1982) 309
- Westerman, M.P., see Fung, L.W.-M. (1982) 167
- Wilson, T.H., see King, S.C. (1982) 253
- Winter, R., Xie, C.-L., Jonas, J., Thiagarajan, P. and Wong, P.T.T.
High-pressure small-angle neutron scattering (SANS) study of
1,2-dielaidoyl-*sn*-glycero-3-phosphocholine bilayers (1982) 85
- Wong, P.T.T., see Winter, R. (1982) 85
- Wu, X., see Carrasquer, G. (1982) 73
- Xie, C.-L., see Winter, R. (1982) 85
- Yanagimoto, K.C., see Fisher, K.A. (1982) 237
- Yang, Q., see Wallstén, M. (1982) 47
- Yokono, S., Ogi, K., Miura, S. and Ueda, I.
400 MHz two-dimensional nuclear Overhauser spectroscopy on
anesthetic interaction with lipid bilayer (1982) 300
- Zou, Y.S., see Schuurmans Stekhoven, F.M.A.H. (1982) 103