

AUTHOR INDEX

- Abood, L. G. and Hoss, W.
Kinetics of Ca^{2+} adsorption and cationic selectivity with a synaptic membrane protein (332) 85
- Alving, C. R., see Conrad D. H. (332) 36
- Barnett, G., see Hammermeister, D. (332) 125
- Beckman, B., Guertler, B., Leaf, R., Witkum, P. and Sharp, G. W. G.
Evidence for an apical membrane effect in the regulation of the hexose monophosphate shunt pathway in toad bladder. Studies with amiloride (332) 350
- Bindslev, N., Tormey, J. McD., Pietras, R. J. and Wright, E. M.
Electrically and osmotically induced changes in permeability and structure of toad urinary bladder (332) 286
- Brecher, A. S., see Burkholder, D. E. (332) 201
- Burkholder, D. E. and Brecher, A. S.
Interaction between proteases and bovine erythrocyte membranes. II. Binding of fibrinolytic components (332) 201
- Canellakis, E. S., see Huang, C.-C. (332) 59
- Canellakis, E. S., see Tsai, C.-M. (332) 47
- Cassidy, P., Six, H. R. and Harshman, S.
Biological properties of staphylococcal α -toxin (332) 413
- Chesney, R., Sacktor, B. and Kleinzeller, A.
The binding of phloridzin to the isolated luminal membrane of the renal proximal tubule (332) 263
- Compans, R. W., see Lenard, J. (332) 341
- Conrad, D. H., Alving, C. R. and Wirtz, G. H.
The influence of retinal on complement-dependent immune damage to liposomes (332) 36
- Dambach, G. and Friedmann, N.
The effects of varying ionic composition of the perfusate on liver membrane potential gluconeogenesis and cyclic AMP responses (332) 374
- De Gier, J., see Van der Neut-Kok, E. C. M. (332) 97
- De Lamirande, G., see Gavard, D. (332) 145
- De Meis, L., see Masuda, H. (332) 313
- Demel, R. A., see London, Y. (332) 69
- Dennis, E. A., see Ribeiro, A. A. (332) 26
- Ellory, J. C. and Lew, V. L.
A K^{+} -dependent phosphatase in the membranes of low- K^{+} -type erythrocytes (332) 215
- Ferber, E., see Schmidt-Ullrich, R. (332) 175
- Fielding, J., see Speyer, B. E. (332) 192
- Fisher, D., see Howell, J. I. (332) 1
- Fischer, H., see Schmidt-Ullrich, R. (332) 175
- Fleischer, S., see Smigel, M. (332) 358
- Fox, K. R. and Hogben, C. A. M.
Nicotinic acid active transport by in vitro bullfrog small intestine (332) 336
- Friedmann, N., see Dambach, G. (332) 374
- Furihata, R., see Sato, S. (332) 166
- Gavard, D., De Lamirande, G. and Karasaki, S.
Highly purified plasma membranes from rat hepatocytes following rate-isopycnic zonal centrifugation (332) 145
- Geurts van Kessel, W. S. M., see London, Y. (332) 69
- Goodall, A. H., see Howell, J. I. (332) 1
- Goodall, M. C., see Sachs, G. (332) 233
- Gordon, J. A. and Marquardt, M. D.
Factors affecting hemagglutination by concanavalin A and soybean agglutinin (332) 136
- Guertler, B., see Beckman, B. (332) 350
- Hammermeister, D. and Barnett, G.
The interaction of poly(L-lysine) and Ca^{2+} with stearic acid monolayers (332) 125
- Harcastle, P. T.
The effect of ATP on the transport of hexoses and amino acids in everted sacs of rat small intestine (332) 114
- Harshman, S., see Cassidy, P. (332) 413
- Hogben, C. A. M., see Fox, K. R. (332) 336
- Holzhaecker, S., see Oliveira, M. M. (332) 221
- Hoss, W., see Abood, L. G. (332) 85
- Howell, J. I., Fisher, D., Goodall, A. H., Verinder, M. and Lucy, J. A.
Interactions of membrane phospholipids with fusogenic lipids (332) 1
- Huang, C.-C., Tsai, C.-M. and Canellakis, E. S.
Iodination of cell membranes. II. Characterization of HeLa cell membrane surface proteins (332) 59
- Huang, C.-C., see Tsai, C.-M. (332) 47
- Karasaki, S., see Gavard, D. (332) 145
- Kleinzeller, A., see Chesney, R. (332) 263
- Knüferrmann, H., see Schmidt-Ullrich, R. (332) 175
- Kotyk, A. and Michaljaníková, D.
Nature of uptake of D-galactose, D-glucose and α -methyl-D-glucoside by Saccharo-

- myces cerevisiae (332) 104
- Kuhn, J. and Somerville, R. L.
Uptake and utilization of aromatic D-amino acids in *Escherichia coli* K12 (332) 298
- Leaf, R., see Beckman, B. (332) 350
- Lefkowitz, R. J., O'Hara, D. and Warshaw, J. B.
Surface interaction of [^3H]norepinephrine with cultured chick embryo myocardial cells (332) 317
- Lenard, J., Wong, C. Y. and Compans, R. W.
Association of the internal membrane protein with the lipid bilayer in influenza virus: A study with the fluorescent probe 12-(9-anthroyl)-stearic acid (332) 341
- Lew, V. L., see Ellory, J. C. (332) 215
- London, Y., Demel, R. A., Geurts van Kessel, W. S. M., Zahler, P. and van Deenen, L. L. M.
The interaction of the "Folch-Lees" protein with lipids at the air-water interface (332) 69
- Lucy, J. A., see Howell, J. I. (332) 1
- Makiuchi, M., see Sato, S. (332) 166
- Marquardt, M. D., see Gordon, J. A. (332) 136
- Masuda, H. and De Meis, L.
Calcium efflux from sarcoplasmic reticulum vesicles (332) 313
- Michaljaničová, D., see Kotyk, A. (332) 104
- Middelbeek, E. J., see Van der Neut-Kok, E. C. M. (332) 97
- Miyazawa, T., see Nakamura, K. (332) 329
- Mizushima, S., see Nakamura, K. (332) 329
- Nakamura, K., Ostrovsky, D. N., Miyazawa, T. and Mizushima, S.
Infrared spectra of outer and cytoplasmic membranes of *Escherichia coli* (332) 329
- O'Hara, D. see Lefkowitz, R. J. (332) 317
- Oliveira, M. M. and Holzhacker, S.
Isolation and characterization of smooth muscle cell membranes (332) 221
- Ostrovsky, D. N., see Nakamura, K. (332) 329
- Pietras, R. J., see Bindislev, N. (332) 286
- Postel-Vinay, M.-C., Sonenberg, M. and Swislocki, N. I.
Effect of bovine growth hormone on rat liver plasma membranes as studied by circular dichroism and fluorescence using the extrinsic probe 7,12-dimethylbenzanthracene (332) 156
- Redwood, W. R. and Weis, P.
Interaction of a solubilized membrane ATPase with aqueous dispersions of bilayer lipid membranes (332) 11
- Ribeiro, A. A. and Dennis, E. A.
Effect of thermotropic phase transitions of dipalmitoylphosphatidylcholine on the formation of mixed micelles with Triton X-100 (332) 26
- Rosenhagen, M., see Segal, S. (332) 278
- Saccomani, G., see Sachs, G. (332) 233
- Sachs, G., Spennay, J. G., Saccomani, G. and Goodall, M. C.
Characterization of gastric mucosal membranes. VI. The presence of channel-forming substances (332) 233
- Sacktor, B., see Chesney, R. (332) 263
- Sato, S., Yamada, T., Furihata, R. and Makiuchi, M.
Effect of guanyl nucleotides on the stimulation of adenyl cyclase activity in human thyroid plasma membranes by thyroid-stimulating hormone and prostaglandin E_2 (332) 166
- Schmidt-Ullrich, R., Ferber, E., Knüfermann, H., Fischer, H. and Wallach, D. F. H.
Analysis of the proteins in thymocyte plasma membrane and smooth endoplasmic reticulum by sodium dodecylsulfate-gel electrophoresis (332) 175
- Segal, S. and Rosenhagen, M.
The effect of extracellular sodium concentration on α -methyl-D-glucoside transport by rat kidney cortex slices (332) 278
- Sharp, G. W. G., see Beckman, B. (332) 350
- Silverman, M.
The chemical and steric determinants governing sugar interactions with renal tubular membranes (332) 248
- Six, H. R., see Cassidy, P. (332) 413
- Smigel, M. and Fleischer, S.
Characterization and localization of prostaglandin E_1 receptors in rat liver plasma membranes (332) 358
- Somerville, R. L., see Kuhn, J. (332) 298
- Sonenberg, M., see Postel-Vinay, M.-C. (332) 156
- Spanwick, R. M.
Evidence for an electrogenic ion pump in *Nitella translucens*. II. Control of the light-stimulated component of the membrane potential (332) 387
- Spennay, J. G., see Sachs, G. (332) 233
- Speyer, B. E. and Fielding, J.
Chromatographic fractionation of human reticulocytes after uptake of doubly labelled [^{59}Fe , ^{125}I]transferrin (332) 192
- Steudle, E. and Zimmermann, U.
Determination of the hydraulic conductivity and of reflection coefficients in *Nitella flexilis* by means of direct cell-turgor pressure measurements (332) 399
- Swislocki, N. I., see Postel-Vinay, M.-C. (332) 156

- Tormey, J. McD., see Bindslev, N. (332) 286
- Tsai, C.-M., Huang, C.-C. and Canellakis, E. S.
Iodination of cell membranes. I. Optimal
conditions for the iodination of exposed
membrane components (332) 47
- Tsai, C.-M., see Huang, C.-C. (332) 59
- Van Deenen, L. L. M., see London, Y. (332) 69
- Van Deenen, L. L. M., see Van der Neut-Kok,
E. C. M. (332) 97
- Van der Neut-Kok, E. C. M., De Gier, J.,
Middelbeek, E. J. and Van Deenen, L. L.
M.
Valinomycin-induced potassium and rubi-
dium permeability of intact cells of *Achole-*
plasma laidlawii B (332) 97
- Verrinder, M., see Howell, J. I. (332) 1
- Wallach, D. F. H., see Schmidt-Ullrich, R.
(332) 175
- Warshaw, J. B., see Lefkowitz, R. J. (332) 317
- Weis, P., see Redwood, W. R. (332) 11
- Westfall, S. S., see Wirtz, G. H. (332) 131
- Wirtz, G. H. and Westfall, S. S.
Membrane modification through the co-
operative action of vitamin A and lipid
(332) 131
- Wirtz, G. H., see Conrad, D. H. (332) 36
- Witkum, P., see Beckman, B. (332) 350
- Wong, C. Y., see Lenard, J. (332) 341
- Wright, E. M., see Bindslev, N. (332) 286
- Yamada, T., see Sato, S. (332) 166
- Zahler, P., see London, Y. (332) 69
- Zimmermann, U., see Steudle, E. (332) 399