

Author Index

- Abrami, L., Simon, M., Rousselet, G., Berthoud, V., Buhler, J.-M. and Ripoche, P.
Sequence and functional expression of an amphibian water channel, FA-CHIP: a new member of the MIP family (1192) 147
- Aleman, M., see Sanchís, D. (1192) 159
- Allan, D., see Whatmore, J.L. (1192) 88
- Alvarez-Hernandez, X., Smith, M. and Glass, J.
Regulation of iron uptake and transport by transferrin in Caco-2 cells, an intestinal cell line (1192) 215
- Ammala, C., see Best, L. (1192) 107
- Askari, A., see Zolotarjova, N. (1192) 125
- Baker, K.J., East, J.M. and Lee, A.G.
Localization of the hinge region of the Ca^{2+} -ATPase of sarcoplasmic reticulum using resonance energy transfer (1192) 53
- Barshtein, G., see Chen, S. (1192) 247
- Batenjany, M.M., Wang, Z.-q., Huang, C.-h. and Levin, I.W.
Bilayer packing characteristics of mixed chain phospholipid derivatives: Raman spectroscopic and differential scanning calorimetric studies of 1-stearoyl-2-capryl-*sn*-glycero-3-phosphocholine (C(18):C(10)PC) and 1-stearoyl-2-capryl-*sn*-glycero-3-phospho-*N*-trimethyl propanolamine (C(18):C(10)TMPC) (1192) 205
- Belmonte, G., Menestrina, G., Pederzoli, C., Križaj, I., Gubenšek, F., Turk, T. and Maček, P.
Primary and secondary structure of a pore-forming toxin from the sea anemone, *Actinia equina* L., and its association with lipid vesicles (1192) 197
- Belmonte, M.M., see Mazzanti, L. (1192) 101
- Bentrop, F.-W., see Reifarth, F.W. (1192) 79
- Berthoud, V., see Abrami, L. (1192) 147
- Best, L., Ammala, C., Rorsman, P. and Tomlinson, S.
Intracellular pH, cytosolic calcium concentration and electrical activity in RINm5F insulinoma cells (1192) 107
- Biagini, G., see Mazzanti, L. (1192) 101
- Blank, M.E., Hoefner, D.M. and Diedrich, D.F.
Morphology and volume alterations of human erythrocytes caused by the anion transporter inhibitors, DIDS and *p*-azidobenzylphlorizin (1192) 223
- Boni, L.T., see Tari, A.M. (1192) 253
- Boustead, C.M., see Tagoe, C.E. (1192) 272
- Bradley, T.M., see Lo, Y.H. (1192) 153
- Brain, A.P.R., see Tsvetkova, N.M. (1192) 263
- Brandsch, M., Leibach, F.H., Mahesh, V.B. and Ganapathy, V.
Calmodulin-dependent modulation of pH sensitivity of the amino acid transport system L in human placental choriocarcinoma cells (1192) 177
- Bröer, A., see Bröer, S. (1192) 95
- Bröer, S., Bröer, A. and Hamprecht, B.
Expression of Na^{+} -independent isoleucine transport activity from rat brain in *Xenopus laevis* oocytes (1192) 95
- Brunelli, M.A., see Mazzanti, L. (1192) 101
- Buhler, J.-M., see Abrami, L. (1192) 147
- Butterfield, D.A., Trad, C.H. and Hall, N.C.
Effects of dehydroabietic acid on the physical state of cytoskeletal proteins and the lipid bilayer of erythrocyte membranes (1192) 185
- Cester, N., see Mazzanti, L. (1192) 101
- Chen, S., Gavish, B., Barshtein, G., Mahler, Y. and Yedgar, S.
Red blood cell aggregability is enhanced by physiological levels of hydrostatic pressure (1192) 247
- Collins, D., see Tari, A.M. (1192) 253
- Crowe, J.H., see Leslie, S.B. (1192) 7
- Crowe, L.M., see Leslie, S.B. (1192) 7
- DeLuca, H.F., see Elaroussi, M.A. (1192) 1
- Devine, D.V., see Marjan, J. (1192) 35
- Diedrich, D.F., see Blank, M.E. (1192) 223
- East, J.M., see Baker, K.J. (1192) 53
- Elaroussi, M.A., Uhland-Smith, A., Hellwig, W. and DeLuca, H.F.
The role of vitamin D in chorioallantoic membrane calcium transport (1192) 1
- Fernández, M.S. and Juárez, J.A.
Activity of phospholipase A_2 on a fluorescent substrate incorporated into non-hydrolyzable phospholipid liposomes (1192) 132
- Frézard, F., Santaella, C., Vierling, P. and Riess, J.G.
Permeability and stability in buffer and in human serum of fluorinated phospholipid-based liposomes (1192) 61
- Fuller, N., see Tari, A.M. (1192) 253
- Ganapathy, V., see Brandsch, M. (1192) 177
- Gavilanes, F., see Gómez-Gutiérrez, J. (1192) 45
- Gavish, B., see Chen, S. (1192) 247
- Glass, J., see Alvarez-Hernandez, X. (1192) 215
- Glatter, O., see Maurer, N. (1192) 167
- Gómez-Gutiérrez, J., Rodríguez-Crespo, I., Peterson, D.L. and Gavilanes, F.
Reconstitution of hepatitis B surface antigen proteins into phospholipid vesicles (1192) 45
- Gubenšek, F., see Belmonte, G. (1192) 197
- Günther, T., Vormann, J., Konstanczak, P. and Schäfer, A.
Interactions of polyamines in the measurement of free magnesium concentration by mag-fura-2 and ^{31}P -NMR (1192) 281
- Hall, N.C., see Butterfield, D.A. (1192) 185
- Hamprecht, B., see Bröer, S. (1192) 95
- Harada, D., see Kominami, S. (1192) 234
- Hashimoto, A., see Sugawara, M. (1192) 241
- Hellwig, W., see Elaroussi, M.A. (1192) 1
- Higgins, S.J., see Tagoe, C.E. (1192) 272
- Hirozane, K., see Takano, M. (1192) 190
- Ho, C., see Zolotarjova, N. (1192) 125
- Hoefner, D.M., see Blank, M.E. (1192) 223
- Hori, R., see Takano, M. (1192) 190
- Huang, C.-h., see Batenjany, M.M. (1192) 205
- Huang, L., see Tari, A.M. (1192) 253
- Huang, W.-h., see Zolotarjova, N. (1192) 125
- Ikawa, K., see Shibata, A. (1192) 71
- Iseki, K., see Sugawara, M. (1192) 241

- Juárez, J.A., see Fernández, M.S. (1192) 132
- Kazbekov, E.N., see Orlov, Yu.N. (1192) 117
- Knoll, W., see Lieser, G. (1192) 14
- Kobayashi, M., see Sugawara, M. (1192) 241
- Kominami, S., Harada, D. and Takemori, S.
Regulation mechanism of the catalytic activity of bovine adrenal cytochrome *P*-450_{11β} (1192) 234
- Konstanczak, P., see Günther, T. (1192) 281
- Križaj, I., see Belmonte, G. (1192) 197
- Labbé, C., see Müller, K. (1192) 21
- Lagunas, R., see Riballo, E. (1192) 143
- Lee, A.G., see Baker, K.J. (1192) 53
- Leibach, F.H., see Brandsch, M. (1192) 177
- Leslie, S.B., Teter, S.A., Crowe, L.M. and Crowe, J.H.
Trehalose lowers membrane phase transitions in dry yeast cells (1192) 7
- Lever, J.E., see Wu, J.-S.R. (1192) 289
- Levin, I.W., see Batenjany, M.M. (1192) 205
- Lieser, G., Mittler-Neher, S., Spinke, J. and Knoll, W.
Electron microscopic investigations on free-standing mixed lipid Langmuir-Blodgett-Kuhn monolayers: phase separation and aging process (1192) 14
- Lo, Y.H., Bradley, T.M. and Rhoads, D.E.
High-affinity Ca^{2+} , Mg^{2+} -ATPase in plasma membrane-rich preparations from olfactory epithelium of Atlantic salmon (1192) 153
- Maček, P., see Belmonte, G. (1192) 197
- Mahesh, V.B., see Brandsch, M. (1192) 177
- Mahler, Y., see Chen, S. (1192) 247
- Marjan, J., Xie, Z. and Devine, D.V.
Liposome-induced activation of the classical complement pathway does not require immunoglobulin (1192) 35
- Maurer, N., Prenner, E., Paltauf, F. and Glatter, O.
Phase behavior of the antineoplastic ether lipid 1-*O*-octadecyl-2-*O*-methyl-glycero-3-phosphocholine (1192) 167
- Mazón, M.J., see Riballo, E. (1192) 143
- Mazzanti, L., Staffolani, R., Cester, N., Romanini, C., Pugnali, A., Belmonte, M.M., Salvolini, E., Brunelli, M.A. and Biagini, G.
A biochemical-morphological study on microvillus plasma membrane development (1192) 101
- Melkozernov, A.N., see Puchkov, E.O. (1192) 112
- Mellgren, R.L., see Zolotarjova, N. (1192) 125
- Menestrina, G., see Belmonte, G. (1192) 197
- Mittler-Neher, S., see Lieser, G. (1192) 14
- Miyazaki, H., see Ohnishi, J. (1192) 286
- Miyazaki, K., see Sugawara, M. (1192) 241
- Müller, K., Labbé, C. and Zachowski, A.
Phospholipid transverse asymmetry in trout spermatozoa plasma membrane (1192) 21
- Murakami, K., see Ohnishi, J. (1192) 286
- Nagai, J., see Takano, M. (1192) 190
- Naruse, M., see Ohnishi, J. (1192) 286
- Ohnishi, J., Tanaka, M., Naruse, M., Usuki, S., Murakami, K. and Miyazaki, H.
Effect of dithiothreitol on angiotensin II receptor type II in rat ovarian cultured granulosa cells (1192) 286
- Okano, T., see Takano, M. (1192) 190
- Onganer, Y. and Quitevis, E.L.
Dynamics of merocyanine 540 in model biomembranes: photoisomerization studies in small unilamellar vesicles (1192) 27
- Orlov, Yu.N., Zhrebtsova, M.A. and Kazbekov, E.N.
Affinity identification of organic anion transporters in brush-border membrane vesicles from rat kidney (1192) 117
- Paltauf, F., see Maurer, N. (1192) 167
- Pederzoli, C., see Belmonte, G. (1192) 197
- Peterson, D.L., see Gómez-Gutiérrez, J. (1192) 45
- Prenner, E., see Maurer, N. (1192) 167
- Puchkov, E.O. and Melkozernov, A.N.
Electrodiffusion of ethidium cation into *Micrococcus luteus* cells (1192) 112
- Pugnali, A., see Mazzanti, L. (1192) 101
- Quinn, P.J., see Tsvetkova, N.M. (1192) 263
- Quitevis, E.L., see Onganer, Y. (1192) 27
- Rand, P., see Tari, A.M. (1192) 253
- Reifarth, F.W., Weiser, T. and Bentrup, F.-W.
Voltage- and Ca^{2+} -dependence of the K^{+} channel in the vacuolar membrane of *Chenopodium rubrum* L. suspension cells (1192) 79
- Remesar, X., see Sanchis, D. (1192) 159
- Rhoads, D.E., see Lo, Y.H. (1192) 153
- Riballo, E., Mazón, M.J. and Lagunas, R.
cAMP-dependent protein kinase is not involved in catabolite inactivation of the transport of sugars in *Saccharomyces cerevisiae* (1192) 143
- Riess, J.G., see Frézard, F. (1192) 61
- Ripoche, P., see Abrami, L. (1192) 147
- Rodríguez-Crespo, I., see Gómez-Gutiérrez, J. (1192) 45
- Romanini, C., see Mazzanti, L. (1192) 101
- Rorsman, P., see Best, L. (1192) 107
- Rousselet, G., see Abrami, L. (1192) 147
- Salvolini, E., see Mazzanti, L. (1192) 101
- Sanchis, D., Alemany, M. and Remesar, X.
L-Alanine transport in small intestine brush-border membrane vesicles of obese rats (1192) 159
- Santaella, C., see Frézard, F. (1192) 61
- Schäfer, A., see Günther, T. (1192) 281
- Shibata, A., Ikawa, K., Shimooka, T. and Terada, H.
Significant stabilization of the phosphatidylcholine bilayer structure by incorporation of small amounts of cardiolipin (1192) 71
- Shimooka, T., see Shibata, A. (1192) 71
- Simon, M., see Abrami, L. (1192) 147
- Smith, M., see Alvarez-Hernandez, X. (1192) 215
- Spinke, J., see Lieser, G. (1192) 14
- Staffolani, R., see Mazzanti, L. (1192) 101
- Sugawara, M., Hashimoto, A., Kobayashi, M., Iseki, K. and Miyazaki, K.
Effect of membrane surface potential on the uptake of anionic compounds by liposomes (1192) 241
- Tagoe, C.E., Boustead, C.M., Higgins, S.J. and Walker, J.H.
Characterization and immunolocalization of rat liver annexin VI (1192) 272
- Takano, M., Nagai, J., Okano, T., Hirozane, K., Yasuhara, M. and Hori, R.
Differential sensitivity of organic anion transporters in rat renal brush-border membrane to diethyl pyrocarbonate (1192) 190
- Takemori, S., see Kominami, S. (1192) 234
- Tanaka, M., see Ohnishi, J. (1192) 286
- Tari, A.M., Fuller, N., Boni, L.T., Collins, D., Rand, P. and Huang, L.
Interactions of liposome bilayers composed of 1,2-diacyl-3-succinylglycerol with protons and divalent cations (1192) 253
- Terada, H., see Shibata, A. (1192) 71
- Teter, S.A., see Leslie, S.B. (1192) 7
- Tomlinson, S., see Best, L. (1192) 107
- Trad, C.H., see Butterfield, D.A. (1192) 185

- Tsvetkova, N.M., Brain, A.P.R. and Quinn, P.J.
 Structural characteristics of thylakoid membranes of *Arabidopsis*
 mutants deficient in lipid fatty acid desaturation (1192) 263
- Turk, T., see Belmonte, G. (1192) 197
- Uhland-Smith, A., see Elaroussi, M.A. (1192) 1
- Usuki, S., see Ohnishi, J. (1192) 286
- Vierling, P., see Frézard, F. (1192) 61
- Vormann, J., see Günther, T. (1192) 281
- Walker, J.H., see Tagoe, C.E. (1192) 272
- Wang, Z.-q., see Batenjany, M.M. (1192) 205
- Weiser, T., see Reifarh, F.W. (1192) 79
- Whatmore, J.L. and Allan, D.
 Phospholipid asymmetry in plasma membrane vesicles derived
 from BHK cells (1192) 88
- Wu, J.-S.R. and Lever, J.E.
 N-linked glycosylation is not required for Na⁺/glucose symport
 activity in LLC-PK₁ cells (1192) 289
- Xie, Z., see Marjan, J. (1192) 35
- Yasuhara, M., see Takano, M. (1192) 190
- Yedgar, S., see Chen, S. (1192) 247
- Zachowski, A., see Müller, K. (1192) 21
- Zherebtsova, M.A., see Orlov, Yu.N. (1192) 117
- Zolotarjova, N., Ho, C., Mellgren, R.L., Askari, A. and Huang, W.-h.
 Different sensitivities of native and oxidized forms of Na⁺/K⁺-
 ATPase to intracellular proteinases (1192) 125