

Biomembranes

Cumulative Contents

Rapid report

- Lipid membrane with low proton permeability
D.N. Biloti, M.H.A. Santana and F.B.T. Pessine
(Brazil)

Reviews

- Protein–lipid interactions of bacteriophage M13 major coat protein
D. Stopar, R.B. Spruijt, C.J.A.M. Wolfs and M.A. Hemminga (Slovenia, The Netherlands)
- The LZT proteins; the LIV-1 subfamily of zinc transporters
K.M. Taylor and R.I. Nicholson (UK)

Regular papers

- Small-angle neutron scattering study of the lipid bilayer thickness in unilamellar dioleoylphosphatidylcholine vesicles prepared by the cholate dilution method: *n*-decane effect
D. Uhríková, N. Kučerka, A. Islamov, A. Kuklin, V. Gordeliy and P. Balgavý (Slovakia, Russia, Germany)
- Rapid release of liposomal contents upon photoinitiated destabilization with UV exposure
T. Spratt, B. Bondurant and D.F. O'Brien (USA)
- Effect of polylysine on transformations and permeability of negative vesicular membranes
A.A. Yaroslavov, O.Y. Kuchenkova, I.B. Okuneva, N.S. Melik-Nubarov, N.O. Kozlova, V.I. Lobyshev, F.M. Menger and V.A. Kabanov (Russian Federation, USA)
- Synergistic effect of polyethylenimine and cationic liposomes in nucleic acid delivery to human cancer cells
C.-H. Lee, Y.-H. Ni, C.-C. Chen, C.-K. Chou and F.-H. Chang (Taiwan)
- Application of purging biotinylated liposomes from plasma to elucidate influx and efflux processes

- associated with accumulation of liposomes in solid tumors
V.W.H. Fung, G.N.C. Chiu and L.D. Mayer (Canada)
- Investigation of Na⁺,K⁺-ATPase on a solid supported membrane: the role of acylphosphatase on the ion transport mechanism
F. Tadini-Buoninsegni, P. Nassi, C. Nediani, A. Dolfi and R. Guidelli (Italy)
- Functional and molecular characteristics of system L in human breast cancer cells
D.B. Shennan, J. Thomson, M.C. Barber and M.T. Travers (UK)
- Molecular mechanism of membrane permeabilization by the peptide antibiotic surfactin
C. Carrillo, J.A. Teruel, F.J. Aranda and A. Ortiz (Spain)
- Interactions of chicken liver basic fatty acid-binding protein with lipid membranes
V. Nolan, M. Perduca, H.L. Monaco, B. Maggio and G.G. Montich (Argentina, Italy)
- Interactions between verapamil and neutral and acidic liposomes: effects of the ionic strength
M. Castaing, A. Loiseau and G. Mulliert (France)
- Occurrence of lipid receptors inferred from brain and erythrocyte spectrins binding NaOH-extracted and protease-treated neuronal and erythrocyte membranes
W. Diakowski, J. Szopa and A.F. Sikorski (Poland)
- Chemical modification of the mitochondrial ornithine/citrulline carrier by SH reagents: effects on the transport activity and transition from carrier to pore-like function
A. Tonazzi and C. Indiveri (Italy)
- Transfer into a mesothelioma cell line of tumor suppressor gene p16 by cholesterol-based cationic lipids
S. Piperno-Neumann, O. Oudar, P. Reynier, D. Briane, A. Cao, M.C. Jaurand, R. Naejus, M. Kraemer, J.L. Breau and E. Taillandier (France)

Cytosolic delivery of macromolecules: I. Synthesis and characterization of pH-sensitive acyloxyalkylimidazoles <i>F.-J. Chen, A. Asokan and M.J. Cho (USA)</i>	140	Transfection properties of stabilized plasmid–lipid particles containing cationic PEG lipids <i>L.R. Palmer, T. Chen, A.M.I. Lam, D.B. Fenske, K.F. Wong, I. MacLachlan and P.R. Cullis (Canada)</i>	204
Cytosolic delivery of macromolecules II. Mechanistic studies with pH-sensitive morpholine lipids <i>A. Asokan and M.J. Cho (USA)</i>	151	Effects of hexavalent chromium on the plasma membranes of sensitive and tolerant mutants of <i>Schizosaccharomyces pombe</i> . An EPR study <i>N. Farkas, M. Pesti and J. Belagyi (Hungary)</i>	217
Relevance of drug uptake, cellular distribution and cell membrane fluidity to the enhanced sensitivity of Down's syndrome fibroblasts to anticancer antibiotic—mitoxantrone <i>M. Przybylska and Z. Jóźwiak (Poland)</i>	161	Protein secretion systems of <i>Pseudomonas aeruginosa</i> and <i>P. fluorescens</i> <i>Q. Ma, Y. Zhai, J.C. Schneider, T.M. Ramseier and M.H. Saier Jr. (USA)</i>	223
Characterization of Zn ²⁺ transport in Madin-Darby canine kidney cells <i>O. Ducoudret, O. Barbier, M. Tauc, M. Fuchs and P. Poujeol (France)</i>	171	Sequence and structural diversity in endotoxin-binding dodecapeptides <i>Y. Zhu, B. Ho and J.L. Ding (Singapore)</i>	234
Effects of calcium-induced aggregation on the physical stability of liposomes containing plant glycolipids <i>D.K. Hinch (Germany)</i>	180	Lipid–protein interactions in <i>Escherichia coli</i> membranes over-expressing the sugar–H ⁺ symporter, GalP EPR of spin-labelled lipids <i>A. Hubert, P.J.F. Henderson and D. Marsh (UK, Germany)</i>	243
A spin labelling study of immunomodulating peptidoglycan monomer and adamantyltripeptides entrapped into liposomes <i>R. Frkanec, V. Noethig-Laslo, B. Vranešić, K. Mirosavljević and J. Tomašić (Croatia)</i>	187	Sensitivity of bile acid transport by organic anion-transporting polypeptides to intracellular pH <i>J.J.G. Marin, D. Mangas, M.C. Martinez-Diez, M.Y. El-Mir, O. Briz and M.A. Serrano (Spain)</i>	249
Effect of spermine on the activity of synaptosomal plasma membrane Ca ²⁺ -ATPase reconstituted in neutral or acidic phospholipids <i>J. Palacios, M.R. Sepúlveda and A.M. Mata (Spain)</i>	197	<i>Author Index</i>	259
		<i>Cumulative Contents</i>	261