

Biomembranes Cumulative Contents

Rapid report

- Unusual protein behavior illustrated with silk fibroin
Y. Toshima

1

Regular papers

- Structure and thermotropic phase behaviour of detergent-resistant membrane raft fractions isolated from human and ruminant erythrocytes
P.J. Quinn, C. Tessier, D. Rainteau, K.S. Koumanov and C. Wolf

5

- The structure of DNA–DOPC aggregates formed in presence of calcium and magnesium ions: A small-angle synchrotron X-ray diffraction study
D. Uhríková, M. Hanulová, S.S. Funari, R.S. Khusainova, F. Šeršeň and P. Balgavý

15

- Effects of farnesol on the physical properties of DMPC membranes

A.C. Rowat, D. Keller and J.H. Ipsen

29

- Structure and thermal history dependant phase behavior of hydrated synthetic sphingomyelin analogue: 1,2-dimyristamido-1,2-deoxyphosphatidylcholine

H. Takahashi, Y. Okumura and J. Sunamoto

40

- Further aspects on the hemolytic activity of the antibiotic lipopeptide iturin A

F.J. Aranda, J.A. Teruel and A. Ortiz

51

- Phase behavior of freeze-dried phospholipid–cholesterol mixtures stabilized with trehalose

S. Ohtake, C. Schebor, S.P. Palecek

and J.J. de Pablo

57

- Diffusion measurements of water, ubiquinone and lipid bilayer inside a cylindrical nanoporous support: A stimulated echo pulsed-field gradient MAS-NMR investigation

O. Wattraint and C. Sarazin

65

- Interaction of a pseudosubstrate peptide of protein kinase C and its myristoylated form with lipid vesicles: Only the myristoylated form translocates into the lipid bilayer

A. Harishchandran and R. Nagaraj

73

- Observation of the main phase transition of dinervonoylphosphocholine giant liposomes by fluorescence microscopy

A.J. Metso, H. Zhao, I. Tuunainen and

P.K.J. Kinnunen

83

- Protein secretion systems in *Fusobacterium nucleatum*: Genomic identification of Type 4 piliation and complete Type V pathways brings new insight into mechanisms of pathogenesis

M. Desvaux, A. Khan, S.A. Beatson,

A. Scott-Tucker and I.R. Henderson

92

- Structure-dependent and receptor-independent increase in osmotic fragility of rat erythrocytes by short-chain fatty acids

H. Mineo and H. Hara

113

- Interaction of the N-terminal segment of pulmonary surfactant protein SP-C with interfacial phospholipid films

I. Plasencia, K.M.W. Keough and

J. Perez-Gil

118

- Coenzyme Q distribution in HL-60 human cells depends on the endomembrane system

D.J.M. Fernández-Ayala, G. Brea-Calvo,

G. López-Lluch and P. Navas

129

- Transepithelial transport of artemisinin C in intestinal Caco-2 cell monolayers

Y. Konishi

138

- Cumulative Contents

145