

Biomembranes Cumulative Contents

Rapid report

- Shape relaxations in a fluid supported membrane during hydrolysis by phospholipase A₂
U.B. Jensen and A.C. Simonsen

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Regular papers

- Membrane association and activity of 15/16-membered peptide antibiotics: Zervamicin IIB, ampuosporin A and antiamoebin I

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- Nateglinide uptake by a ceftibuten transporter in the rat kidney brush-border membrane

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- Identification and characterization of PorH, a new cell wall channel of *Corynebacterium glutamicum*

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- Preparation and in vivo evaluation of PEGylated spherulite formulations

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- N-acyl phosphatidylethanolamines affect the lateral distribution of cholesterol in membranes

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- The relationship between folate transport activity at low pH and reduced folate carrier function in human Huh7 hepatoma cells

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- Specific volumes of unsaturated phosphatidylcholines in the liquid crystalline lamellar phase

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- Temperature dependence of the Langmuir monolayer packing of mycolic acids from *Mycobacterium tuberculosis*

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- Structure and orientation study of fusion peptide FP23 of gp41 from HIV-1 alone or inserted into various lipid membrane models (mono-, bi- and multilayers) by FT-IR spectroscopies and Brewster angle microscopy

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- Rose Bengal located within liposome do not affect the activity of inside-out oriented Na,K-ATPase

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- Site-directed mutagenesis of cysteine residues of large neutral amino acid transporter LAT1

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- Displacement of sterols from sterol/sphingomyelin domains in fluid bilayer membranes by competing molecules

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- Divalent cations affect chain mobility and aggregate structure of lipopolysaccharide from *Salmonella minnesota* reflected in a decrease of its biological activity

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