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DESCRIPTION

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Membrane-active peptides, membrane fusion, diffraction techniques

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Free Radical Toxicology, Antioxidants and their Mechanisms, Oxidative Stress and Apoptosis

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Peptide (protein)-lipid interaction, Antimicrobial peptides, Amyloids, Transmembrane helices

Sergei Noskov, University of Calgary, Calgary, Alberta, Canada
Theoretical Biophysics, Molecular Dynamics Simulations, Ion Channels and Secondary Transporters, Statistical Mechanics

Jesus Perez-Gil, Universidad Complutense de Madrid, Madrid, Spain
Pulmonary surfactant, lipid-protein interactions, monolayer and bilayer membrane models, membrane domains and structure, membrane protein structure

Elmar Prenner, University of Calgary, Calgary, Alberta, Canada
Biomimetic membranes, lateral membrane organization, Biophysical methods, Metal-membrane interactions, pulmonary drug delivery, nanoparticles

Manuel Prieto, Centro Quimica Fisica Molecular, Lisboa, Portugal
Lipid phase diagrams and lipid domains (rafts), Fluorescence (FRET) and fluorescence microscopy (FCS and FLIM), Lipid-protein interaction, Ceramides, Amyloid fiber formation.

Ayyalusamy Ramamoorthy, University of Michigan, Ann Arbor, Michigan, USA
Membrane protein, structure, amyloids, antimicrobial peptides, NMR

Mark Sansom, University of Oxford, Oxford, UK

Frances Separovic, University of Melbourne, Melbourne, Victoria, Australia
Model membranes, biological solid-state NMR, peptide-lipid interactions, membrane-active peptides

Yechezkel Shai, Weizmann Institute of Science, Rehovot, Israel
Peptide-membrane interaction, peptide-peptide interaction within the membrane, virus-cell fusion, membrane fusion, antimicrobial peptides, molecular recognition within the membrane, innate immunity peptides, fluorescent studies

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Membrane organisation, lipid rafts, membrane traffic, cell polarity

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Membrane domains, sphingolipids, sterol/lipid interaction, physical chemistry of lipids, fluorescence spectroscopy.

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Membrane proteins, protein trafficking, bioinformatics.

Tony Watts, University of Oxford, Oxford, UK

Stephen H. White, University of California at Irvine, Irvine, California, USA
Membrane Proteins, Membrane Protein Folding and Assembly, Lipid-Protein Interactions, Lipid Bilayer Structure and Biophysics

Bill Wimley, Tulane University, New Orleans, Louisiana, USA
Antimicrobial peptide, Pore forming peptide, Membrane active peptides, Cell penetrating peptide, Antiviral peptide

Christopher Yip, University of Toronto, Toronto, Ontario, Canada
Scanning probe microscopy, molecular dynamics, spectroscopy, single molecule biophysics, computational biophysics

Michael Zasloff, Georgetown University Hospital, Washington, District of Columbia, USA
Antimicrobial peptides; membrane electrostatics; aminosterols

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[2] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

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Reference to a website:

[4] Cancer Research UK, *Cancer statistics reports for the UK*. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

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