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-antimicrobial peptides -peptide-membrane interaction -lipopolysaccharide -antibiotic resistance -antimicrobial/anti-endotoxin activities -pore-forming peptides
Isabelle Marcotte, Université du Québec à Montreal (UQAM), Montreal, Quebec, Canada
1) Biological solid-state NMR  2) Model membranes  3) Lipid interactions  4) NMR of intact cells  5) Protein structure

**Katsumi Matsuzaki**, Kyoto University, Kyoto, Japan
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

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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

**Yechiel 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

**Kai Simons**, Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG), Dresden, Germany
Membrane organisation, lipid rafts, membrane traffic, cell polarity

**Stephen Sligar**, University of Illinois at Urbana-Champaign, Urbana, Illinois, USA
Membrane domains, sphingolipids, sterol/lipid interaction, physical chemistry of lipids, fluorescence spectroscopy.

**Lukas Tamm**, Virginia Commonwealth University, Charlottesville, Virginia, USA

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Membrane proteins, protein trafficking, bioinformatics.

**Tony Watts**, University of Oxford, Oxford, UK

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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
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