



FRONTIERS IN MEMBRANE PROTEIN STRUCTURAL DYNAMICS

SCIENTIFIC SESSIONS:

THURSDAY, MAY 3RD

Session 1: NMR Approaches to Membrane Protein Motion in the ns- μ s range

Session 2: Engineering/Methods to investigate Membrane Protein Dynamics

Session 3: Computational Approaches to Transmembrane Signaling

Session 4: Alternative Approaches to Membrane Protein Expression and Stability

Session 5: Dynamics of Ion-Protein Interactions

Poster Session

FRIDAY, MAY 4TH

Session 6: Mechanistic Paradigms of Membrane Protein Function

Session 7: Conformational Coupling in Secondary Transporters

The MPSDC's Computational Modeling Core will host a workshop and mini-symposium prior to the conference, which will take place at the University of Chicago.

PARTICIPANTS WILL INCLUDE:

Christopher Ahern
University of British Columbia

Anthony Auerbach
University at Buffalo

Ivet Bahar
University of Pittsburgh

Marc Baldus
Utrecht University

Francisco Bezanilla
University of Chicago

Olga Boudker
Cornell University

James Bowie
University of California, Los Angeles

Geoffrey Chang
Scripps Research Institute

Volker Dötsch
Goethe University

José Faraldo-Gómez
Max Planck Institute of Biophysics

Brian Fox
University of Wisconsin, Madison

Claudio Grosman
University of Illinois, Urbana-Champaign

Katherine Henzler-Wildman
Washington University in St. Louis

Miguel Holmgren
NINDS

Wonpil Im
University of Kansas

Jonathan Javitch
Columbia University

Steve Kent
University of Chicago

Dorothee Kern
Brandeis University

Anthony Kossiakoff
University of Chicago

Merritt Maduke
Stanford University

Hassane Mchaourab
Vanderbilt University

Robert Nakamoto
University of Virginia

Eduardo Perozo
University of Chicago

Doug Rees
California Institute of Technology

Benoît Roux
University of Chicago

Klaus Schulten
University of Illinois, Urbana-Champaign

Emad Tajkhorshid
University of Illinois, Urbana-Champaign

Francis Valiyaveetil
Oregon Health & Science University

For more information and registration visit memprotein.org.

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