Emerging Concepts in Ion Channel Biophysics

Mexico City, Mexico | October 10–13, 2017

This meeting will cover recent discoveries pertaining to the study of the structure and the function of ion channels and transporters and will bring together a diverse group of experts who use precise techniques to study an assortment of ion channels. Themes that will be addressed include leading knowledge on the function of voltage-, ligand- and mechanically gated ion channels and transporters, as well as the use of structural, optical, electrophysiological, biochemical, and modeling techniques to delimit fine structural interactions within ion channels as well as to study their regulation by different molecules.

The meeting will provide a positive environment for feedback and discussion between leaders in the field and junior researchers and students using different approaches to study the physiology of ion channels and transporters, stimulating interactions and collaborations among them.

Abstract Submission Deadline:
May 26, 2017

Early Registration Deadline:
June 23, 2017

ORGANIZING COMMITTEE

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SPEAKERS

Richard Aldrich, University of Texas, Austin, USA
Andrea Alessandrini, CNR-Institute of Nanoscience, Italy
Francisco Bezanilla, University of Chicago, USA
Cecilia Bouzat, Instituto de Investigaciones Bioquímicas de Bahía Blanca, Argentina
Nancy Carrasco, Yale University, USA
László Csanády, Sammelweis University, Hungary
Cynthia Czajkowski, University of Wisconsin-Madison, USA
Raimund Dutzler, University of Zurich, Switzerland
Miriam Goodman, Stanford University, USA
Sharona Gordon, University of Washington, USA
Jorg Grandl, Duke University, USA
Toshinori Hoshi, University of Pennsylvania, USA
Ramón Latorre, University of Valparaiso, Chile
Polina Lishko, University of California, Berkeley, USA
Andrea Meredith, University of Maryland, USA
Vera Moiseenkova-Bell, Case Western Reserve University, USA
Ivana Nikic, Werner Reichardt Centre for Integrative Neuroscience, Germany
Crina Nimigean, Cornell University, USA
Uhtaek Oh, Seoul National University, South Korea
Yasushi Okamura, Osaka University, Japan
Feng Qin, SUNY, USA
Eitan Reuveny, Weizmann Institute, Israel
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Thomas Voets, University of Leuven, Netherlands
Bailong Xiao, Tsinghua University, China
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