



**Ion Channels:
Biophysics, Diseases and Therapeutics**
Suzhou, China

September 17 - 21, 2012

Organizers:

- Hualiang Jiang**, *Shanghai Institute of Materia Medica, China*
- Henry Lester**, *California Institute of Technology, USA*
- Min Li**, *Johns Hopkins University School of Medicine, USA*
- Jianpeng Ma**, *Baylor College of Medicine, USA*

We are pleased to announce the Cold Spring Harbor Asia conference on Ion Channels: Biophysics, Diseases and Therapeutics which will be held at the Suzhou Dushu Lake Conference Center in Suzhou, China, located approximately 60 miles west of Shanghai. The conference will begin at 7:00pm on the evening of Monday September 17, and will conclude after lunch on Friday, September 21, 2012. It will include a combination of oral sessions and poster sessions, covering the latest findings across many topics in ion channels research by bringing together a group of scientific leaders.

Major Topics:

- Structure of Ion Channels
- Channel in Motion: Computational and Molecular Dynamics
- Ion Channels: Pharmacology, Trafficking and Post-translational Regulation
- Sensory Transduction
- From Immune System to Diabetes: New Appreciation of Diverse Roles of Ion Channels
- Channelopathies: Diseases, Genetics and Beyond
- Stem Cells, iPSCs and Disease Models
- Drug Discovery: From Tools to Therapeutics

Registration available until September 17, 2012

The on-line registration will be available until the meeting starts. But early registration will help to save cost. Rates vary for corporate/industry, academic (PhD, MD, staff scientists) and student (up to PhD) attendees. Endowed student package costs as low as USD250/CNY1530 before July 6th, 2012.

Abstracts due July 6th, 2012

We encourage abstracts to contain new and unpublished materials. Selection results for short talks (10-20) and poster presentations will be made by the organizers on the basis of scientific merit and relevance.

Fellowships of up to \$500 (USD) are available to participants who have an abstract accepted for poster presentation.

Keynote Speakers

- Lily Jan**, *University of California, San Francisco, USA*
- Yuh-Nung Jan**, *University of California, San Francisco/HHMI, USA*

Invited Speakers

- Katriina Aalto-Setälä**, *The University of Tampere, Finland*
- John Adelman**, *Oregon Health Science University, USA*
- Donald Engelman**, *Yale University, USA*
- Lior Gepstein**, *Technion-Israel Institute of Technology, Israel*
- Yonghua Ji**, *Shanghai University, China*
- Hualiang Jiang**, *Shanghai Institute of Materia Medica, China*
- Gregory Kaczorowski**, *Kanalis Consulting, LLC, USA*
- Henry Lester**, *California Institute of Technology, USA*
- Min Li**, *Johns Hopkins University School of Medicine, USA*
- Jianpeng Ma**, *Baylor College of Medicine, USA*
- Erik Renström**, *Lund University, Sweden*
- Eitan Reuveny**, *Weizmann Institute of Science, Israel*
- Gail Robertson**, *University of Wisconsin, Madison, USA*
- Chikara Sato**, *National Institute of Advanced Industrial Science and Technology, Japan*
- Klaus Schulten**, *University of Illinois at Urbana-Champaign, USA*
- Robert Stroud**, *University of California, San Francisco, USA*
- Gregory Voth**, *The University of Chicago, USA*
- Kewei Wang**, *Peking University, China*
- Theodore Wensel**, *Baylor College of Medicine, USA*
- Tian-Le Xu**, *Shanghai Jiao Tong University School of Medicine, China*
- Ning Yan**, *Tsinghua University, China*
- Hailin Zhang**, *Hebei Medical University, China*
- Zhuan Zhou**, *Pekin University, China*
- Michael Xi Zhu**, *CAS/The Univ. of Texas Health Science Center at Houston, China/USA*

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