



*late-breaking research • cross-disciplinary collaboration • networking opportunities • peer-reviewed meeting programs*

**ANNOUNCING KEYSTONE SYMPOSIA'S 2012 MEETING ON:**

# **Membranes in Motion:**

Membranes allow for the compartmentalization of many different processes in the cell, thus allowing for organizational complexity. Membranes are now known to be direct players in cell physiology, including organelle structure and biogenesis, membrane transport and intracellular trafficking, as well as in dysfunctions leading to disease such as Huntington's disease, chronic inflammation, viral infections and metastatic cell invasion. This symposium will cover emerging topics in membrane trafficking and disease. It will highlight progress in membrane fusion, fission and budding mechanisms as well as the recent expansion of endocytic pathways and their coupling to signaling. There will be an emphasis on the fundamental importance of controlling membrane curvature, beyond its role in shaping organelles looking forward to direct functions in organelle dynamics and organization. This symposium seeks to bring together those at the forefront of different disciplines to address current issues in membrane biology. The overlapping topics should stimulate discussion and cross-fertilization.



## **Deadlines**

Abstract & Scholarship:  
**September 21, 2011**

Late-Breaking Abstract:  
**October 24, 2011**

Early Registration:  
**November 21, 2011**

**January 22–27, 2012**

Granlibakken Resort • Tahoe City, California • USA

*Scientific Organizers:*

**Harvey T. McMahon** and **Jodi Nunnari**

*Keynote Speaker:*

**Marino Zerial**, Max Planck Institute of Molecular Cell Biology and Genetics, Germany

*Plenary Session Topics:*

- Disease States and Membrane Trafficking Mechanisms I & II
- Clathrin-Dependent Endocytosis
- Clathrin-Independent Endocytosis
- Membrane Dynamics I: Cell Fusion Mechanisms
- Membrane Curvature as a Biological Effector
- Membrane Dynamics II: Organelle Fission and Fusion Mechanisms
- Membrane Quality Control Pathways

**[www.keystonesymposia.org/12A5](http://www.keystonesymposia.org/12A5)**

**KEYSTONE SYMPOSIA™**  
on Molecular and Cellular Biology  
*Accelerating Life Science Discovery*

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