

**Gulf Coast Consortium for Membrane Biology Symposium/Workshop**  
**Saturday, January 17, 2009**

**Lecture Sessions: Keck 100, Rice University**

**Poster Session: Keck, first floor**

- 9:00 am Check-in, poster mounting, and continental breakfast
- 9:30 am Welcome – **John Spudich**, Center for Membrane Biology, UT Health Science Center-Houston (UTHSC)
- 9:35 am Introduction of Keynote Speaker – **Anne Delcour**, Professor, Biology & Biochemistry, University of Houston
- 9:40 -10:40 am **Keynote Lecture:**  
*Theoretical studies of K<sup>+</sup> channels: Permeation, Selectivity, Gating & Inactivation*  
**Benoit Roux**, Professor, Biochemistry & Molecular Biology, University of Chicago
- Break -
- 11:00 -11:35 am *RAS Nanoclusters: Combining Digital and Analog Signaling*  
**John Hancock**, Professor & Chair, Integrative Biology & Pharmacology, UTHSC
- 11:40 -12:15 am *Regulation of SNARE-mediated Membrane Fusion*  
**James McNew**, Associate Professor, Biochemistry & Cell Biology, Rice University
- Lunch -
- 1:15 - 1:35 pm *The Organizing Principle of Platelet Glycoprotein Ib-IX Complex*  
**Renhao Li**, Assistant Professor, Center for Membrane Biology, UTHSC
- 1:35 - 1:55 pm *Cryo-EM of the RyR1 Channel at Subnanometer Resolution*  
**Irina Serysheva**, Associate Professor, Biochemistry & Molecular Biology, UTHSC
- 1:55 - 2:15 pm *Structural Insight into Ca<sup>2+</sup> regulation mechanism of the Na<sup>+</sup>/Ca<sup>2+</sup> Exchanger*  
**Lei Zheng**, Assistant Professor, Center for Membrane Biology, UTHSC
- 2:15 - 2:35 pm *Regulation of Membrane Lipid Asymmetry during Apoptosis*  
**Alan Schroit**, Professor, Cancer Biology, UTMDACC
- 2:35 - 2:55 pm *Probing the Lipid Membrane Dipole Potential*  
**Jason Hafner**, Associate Professor, Physics and Astronomy, Rice University
- 2:55 - 4:55 pm Poster viewing and judging + Refreshments
- 4:55 pm Poster Prizes

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