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

Lecture Sessions: Baylor College of Medicine, M112
Poster Session: First floor lobby

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+ channels: Permeation, Selectivity, Gating & Inactivation
Benoit Roux, Professor, Biochemistry & Molecular Biology, University of Chicago
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
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 Ca2+ regulation mechanism of the Na+/Ca2+ Exchanger
Lei Zheng, Assistant Professor, CMB, UTHSC
2:15 - 2:35 pm  Regulation of Membrane Lipid Asymmetry during Apoptosis
Alan Schroit, Professor, Cancer Biology, MDACC
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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