Membrane Biophysics Subgroup 2013 Symposium
Saturday, February 2, 2013
Philadelphia, Pennsylvania

Macromolecular Complexes of Ion Channels and Transporters

1:00 PM Opening Remarks

1:05 PM Diomedes E. Logothetis, Virginia Commonwealth University
Regulation of K Channels by the G Protein Signaling System

1:35 PM Ming Zhou, Baylor College of Medicine
Structural Basis of Gating by RCK Domains

2:05 PM Eitan Reuveny, Weizmann Institute, Israel
Regulation of Store Operated Calcium Entry by SARAF

2:35 PM William A. Catterall, University of Washington
Calcium Channel Regulation in the Fight-or-Flight Response

3:05 PM Subgroup Business Meeting & Coffee Break

3:40 PM Bonnie A. Wallace, University of London, United Kingdom
The Open Conformation of a Voltage-Gated Na Channel Reveals the Transmembrane Pathway and Gating Mechanism

4:10 PM Kevin J. Foskett, University of Pennsylvania
MICU1 and MCUR1 Regulation of the Mitochondrial Calcium Uniporter

4:40 PM Peter H. Larsson, University of Miami
Regulation of Voltage Sensor Movement in KCNQ Channels by KCNE Beta Subunits