Membrane Biophysics Subgroup 2014 Symposium
Saturday, February 15, 2014
San Francisco, California

Necessary (Accessory) Subunits of Ion Channels: What They Do and How They Do It

1:00 PM, Opening remarks

1:05 PM, Henry Colecraft, Columbia University
*Childhood Sweetheart vs Late Suitor: CaV Channel Regulation by Auxiliary β and α2d Subunits*

1:35 PM, Mark Shapiro, University of Texas Health Science Center
*Dual Regulation of M-type K+ Channels by AKAP79/150 Signaling Complexes*

2:05 PM, Toshinori Hoshi, University of Pennsylvania
*Auxiliary-subunit-dependent Modulation of Slo1 BK Channels Underlies the Hypotensive Effect of Fish Oil*

2:35 PM, David Yue, Johns Hopkins University
*Powerful and Ancient Embrace of Four-domain Voltage-gated Channels with Calmodulin*

3:05 PM, Subgroup business meeting and coffee break

3:40 PM, Lori Isom, University of Michigan
*Sodium Channel β1 Subunits, Overachievers of the Ion Channel Family*

4:10 PM, Steven Siegelbaum, Columbia University
*TRIP(8b)ing Up and Down HCN Channel Gating and Trafficking*

4:40 PM, Roger Nicoll, University of California, San Francisco
*Auxiliary Subunits Assist AMPA Receptors*

5:10 PM, Conclusion

6:00 PM, Cole Award Dinner and Ceremony