

Alessio Accardi, Weill Cornell Medical College, Subgroup Chair

Membrane Biophysics Subgroup 2016 Symposium

Saturday, February 27, 2016

Los Angeles, California

Program Title: Unusual Mechanisms in Membrane Transport

1:00 PM - 6:00 PM

1:00 PM Opening Remarks

1:05 PM *Criss Hartzell*, Emory University

TMEM16/Anoctamins Flirting with Lipids

1:35 PM *Anna Moroni*, University of Milan, Italy

Engineering of a Light-gated Potassium Channel

2:05 PM *László Csanády*, Semmelweis University, Hungary

Regulation of Gating of TRPM2 Channels by Nucleotides, Ca²⁺, and Phospholipids

2:35 PM *Kallol Gupta*, Oxford University, UK

Mass Spectrometry of Membrane Proteins - the Lipid Connection

3:05 PM Subgroup Business Meeting and Coffee Break

3:40 PM *Stephen Long*, Memorial Sloan Kettering Cancer Center

Structure and Insights into the Function of the Bestrophin Calcium-activated Chloride Channel

4:10 PM *Randy Stockbridge*, University of Michigan

Crystal Structures of a Double-barrelled Fluoride Channel

4:40 PM *Reinhard Jahn*, Max Plank Institute, Germany

How to Fill a Synaptic Vesicle with Neurotransmitters? Transport Mechanisms and Ion Balance

5:10 PM Conclusion

6:00 PM Cole Award Talk and Dinner: Awardee Roderick MacKinnon