Symposium Title: Ion Channel and Receptor Pharmacology: Insights from Correlating CryoEM Structures with Functional Data

8:35 AM Eduardo Perozo, University of Chicago
Mechanisms of Electromechanical Coupling in Non-Domain-Swapped Voltage Dependent Channels

9:05 AM Vera Moiseenkova-Bell, University of Pennsylvania
Molecular Mechanisms of TRPV Channels Gating Revealed by Cryo-EM

9:35 AM Jonathan Kim, Columbia University
Role of Plasmodium falciparum Chloroquine Resistance Transporter in Anti-Malarial Drug Resistance

10:05 AM Irina I. Serysheva, University of Texas, Health Science Center at Houston
Structural Insights into IP3R Gating and Regulation

10:35 Subgroup Business Meeting

11:00 AM Anna Moroni, University of Milan, Italy
Open and Closed Pore Conformations of the Pacemaker Channel HCN4
11:30 AM Sudha Chakrapani, Case Western Reserve University

Gating Mechanisms in Pentameric Ligand-Gated Ion Channels

12:00 noon Richard Hite, Sloan Kettering Institute

Structures of the Non-Canonical lysosomal K+ Channel TMEM175

The Cole Award Reception & Dinner honoring Dr. Eduardo Perozo was held at the San Diego Water Grill, 615 J Street, from 6:00 until 9:00 PM.

The Channels, Receptors & Transporters Subgroup is grateful for the support of the following sponsors: