

Channels, Receptors & Transporters Subgroup
2020 Symposium
San Diego, California
San Diego Convention Center Room: Ballroom 20D
Symposium Time: 8:30 AM - 12:30 PM
Subgroup Chair: Crina Nimigean, Cornell University - Weill Medical College

**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.

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