

Biophysical Society 66th Annual Meeting
Membrane Transport Subgroup Symposium
Saturday February 19, 2022
San Francisco, California

Subgroup Chair: Lucie Delemotte, KTH Royal Institute of Technology, Sweden

Symposium Time: 8:30 AM - 12:30 PM PST

Symposium Room: Moscone South 209/210/211

Subgroup Business Meeting: 12:15 PM

8:35 AM Isabelle Bacongus, Vollum Institute - Oregon Health & Science University
Structural Insight into Heteromeric Assembly of Epithelial Sodium Channels

9:10 AM William DeGrado, University of California San Francisco
Analysis and Design of Proton Channels

9:45 AM Hoa Quynh Do, Texas Tech University Health Sciences Center
Interaction interface between pentameric neurotransmitter-gated ion channels and RIC-3 chaperone

10:20 AM Sepehr Dehghani-Ghahnaviyeh, University of Illinois, Urbana-Champaign
Molecular Mechanism of Sound Amplification in Mammalian Hearing System

10:40 AM Jianmin Cui, Washington University in St. Louis
Voltage, PIP2 and Calmodulin Dependent Gating of KCNQ1 (Kv7.1) Channels

11:15 AM Crina Nimigean, Weill Cornell Medicine
Mechanism of Lipid Modulation of Cyclic Nucleotide-gated Potassium Channels

11:50 AM Sean R. Cleary, Loyola University
Inhibitory and Stimulatory Micropeptides Preferentially Bind to Different Conformations of the Cardiac Calcium Pump

The Membrane Transport Subgroup is grateful for support from the following sponsors:



eLIFE

