

Permeation & Transport Subgroup 2018 Symposium
Saturday, February 17, 2018
San Francisco, California
1:30 PM- 6:00 PM
Esplanade Room 155
Subgroup Chair: Olga Boudker, Weill Cornell Medical College

1:30 PM Open Remarks

1:35 PM

Sasha Sobolevski, Columbia University

Structure and Function of the Epithelial Calcium Channel TRPV6

2:05 PM

Ryan Hibbs, University of Texas, Southwestern

Structural Biology of Nicotinic Acetylcholine Receptors

2:35 PM Student Talk

Hendrik Göddeke, Ruhr University Bochum, Germany

Is ATP Hydrolysis the Power Stroke in ABC Transporters?

2:55 PM

Lucy Forrest, National Institutes of Health

Interpretation of Spectroscopic Data for Membrane Transporters Using Simulated Conformational Ensembles

3:25 PM Break

3:35 PM

Inga Hanelt, Goethe-University, Frankfurt, Germany

Allosteric Control of the K⁺ Uptake System KtrAB

4:05 PM Student Talk

George Vaisey, Memorial Sloan Kettering Cancer Center

Structural and Functional Characterization of Bestrophin Channel Inactivation

4:25 PM

Christine Ziegler, Max Planck Institute, Germany

How Lipids Modulate Transporter and Channel Function

4:55 PM Business Meeting

6:00 PM Subgroup Dinner