2021 Membrane Transport Symposium
Monday, February 22, 2021
2:00 PM – 5:40 PM USA Eastern (held virtually)
Subgroup Chair: Ming Zhou, Baylor College of Medicine, USA

2:05 PM - Oliver Beckstein, Arizona State University, USA
*The Transport Cycle of a Sodium/Proton Antiporter*

2:30 PM - Nancy Carrasco, Vanderbilt University, USA

2:55 PM - Noah Trebesch, University of Illinois at Urbana-Champaign, USA
*Mechanistic Insights from Molecular Dynamics Simulations of Large-Scale Conformational Transitions in the INDY Transport Cycle*

3:10 PM - Susan K. Buchanan, National Institute of Diabetes and Digestive and Kidney Disease, NIH, USA
*Structural Insight into Ton Motor Complexes*

4:10 PM - David E. Drew, Stockholm University, Sweden
*The molecular determinants for unlocking substrate translocation in GLUT transporters*

4:35 PM - Han Sun, Leibniz Research Institute for Molecular Pharmacology (FMP) - Berlin, Germany
*Ion Permeation in Non-selective Cation Channels*

5:00 PM - Kavita Iyer, Virginia Commonwealth University, USA
*Cyro-EM and Functional Studies of RyRs Carrying Mutations Leading to "Leaky" Phenotype*

5:15 PM - Hiro Furukawa, Cold Spring Harbor Laboratory, USA
*Architecture and Function of Neuronal Machinery*
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