

Biophysical Society 66<sup>th</sup> Annual Meeting  
Channels, Receptors, and Transporters Subgroup Symposium  
Saturday February 19, 2022  
San Francisco, California

**Subgroup Chair:** Vera Moiseenkova-Bell, University of Pennsylvania, USA

**Symposium managed by:** Secretary-Treasurer Sudha Chakrapani, Case Western Reserve University and Incoming Subgroup Chair Jorge E. Contreras, University of California, Davis

**Symposium Time:** 1:30 PM - 5:30 PM PST

**Subgroup Business Meeting:** 3:15 PM

**Symposium Room:** Moscone South 303/304

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1:35 PM Juan Du, Van Andel Institute

*Activation and Inhibition of the "Taste Channel" TRPM5*

2:05 PM Ryan Gumpfer, University of North Carolina

*New Insights into Serotonin 2A Receptor Structure and Function*

2:35 PM Rosemary J. Cater, Columbia University

*Structure and Mechanistic Basis of MFSD2A-mediated  $\omega$ -3 Fatty Acid Transport*

3:15 PM Subgroup Business Meeting

3:30 PM Aashish Manglik, University of California, San Francisco

*Molecular Puzzles in G Protein-coupled Receptor Signaling*

4:00 PM Inga Hänel, University of Frankfurt, Germany

*K<sup>+</sup> Uptake at the Limit: Transport Mechanism and Regulation of K<sup>+</sup> Pump KdpFABC*

4:30 PM Daniel Minor, University of California, San Francisco

*How to Survive a Toxic Environment - Lessons from Poison Birds and Frogs*

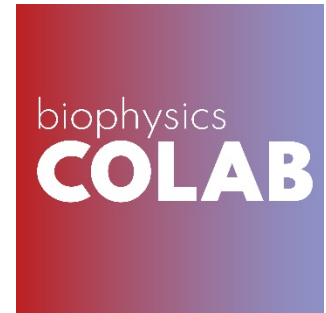
5:10 PM *A Celebration of the Science of Sergei Noskov*, Chair: H. Peter Larsson (University of Miami Health System)

Speakers: H. Peter Larsson, University of Miami Health System; Benoît Roux, University of Chicago; Coleen E. Clancy, University of California, Davis; and Peter Tieleman, University of Calgary

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