Biophysical Society 68th Annual Meeting

Channels, Receptors, and Transporters Subgroup Symposium

Saturday February 10, 2024

Philadelphia, Pennsylvania

Subgroup Chair: Hiro Furukawa, Cold Spring Harbor Lab, USA

Symposium Time: 1:30-5:30 PM EST Subgroup Business Meeting: 5:00 PM

Symposium Room: 113AB

1:30 PM Opening Remarks

1:35 PM Nancy Carrasco, Vanderbilt University, USA Structural Insights into the Mechanism of the Sodium/Iodide Symporter (NIS)

2:00 PM Corey Allard, Harvard University, USA Molecular Mechanisms of Sensory Innovation

2:20 PM Jean-Ju Chung, Yale University, USA

Assembly of the Sperm Calcium Signaling Nanodomains

2:45 PM Andrew Kruse, Harvard University, USA *Using Antibody Fragments to Investigate G Protein-Coupled Receptor Structure and Function*

3:05 PM Break

3:15 PM Vanessa Ruta, Rockefeller University, USA

Making Sense of Scents: Structural Insights into Odor Detection

3:40 PM Philip Biggin, Oxford University, USA *Understanding Transport Processes with Simulation*

4:05 PM Ana Fernandez-Marino, National Institutes of Health, USA

Structures of the Kv2.1 Channel and Mechanism of Inactivation Through Electromechanical Coupling

4:25 PM Raimund Dutzler, University of Zurich, Switzerland

4:50 PM Closing Remarks

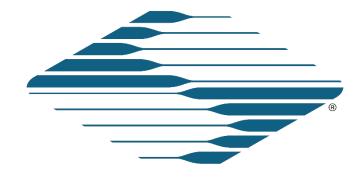
5:00 PM Subgroup Business Meeting

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