

Membrane Biophysics Subgroup 2017 Symposium
Saturday, February 11, 2017
New Orleans, Louisiana
1:00 PM- 5:30 PM
Room R02/03

Teresa Giraldez, La Laguna University, Subgroup Chair

Sensors

1:00 PM Opening Remarks

1:05 PM

Biophysics of inhibitory Rhodopsins
Peter Hegemann, Humbolt University

1:35 PM

Insights into conformational changes associated with voltage sensor activation in the Hv1 proton channel

I. Scott Ramsey, Virginia Commonwealth University

2:05 PM

Identifying basic intramolecular connectivity in sensory receptors of the TRP family
Sebastian Brauchi, Universidad Austral de Chile

2:35 PM

BK Channels: Sensors that switch membranes between day and night states in the circadian clock
Andrea Meredith, University of Maryland

3:05 PM Subgroup Business Meeting and Coffee Break

3:40 PM

Structural Mechanisms of Mechanosensitivity in TREK-2 K2P Channels
Stephen Tucker, Oxford University

4:10 PM

Membrane mechanosensors responsible for touch and other senses
Miriam Goodman, Stanford University

4:40 PM

Visualizing the competition between Gs and Gi signaling at the membrane
Thomas Hughes, Montana Molecular

5:10 PM Closing Remarks

The Membrane Biophysics Subgroup is grateful for support from the following companies:



Nanon, Society of General Physiologists (SGP), &
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