

Biophysical Society 70th Annual Meeting
Channels, Receptors and Transporters Subgroup Symposium
Saturday February 21, 2026
San Francisco, California

Subgroup Chair: Juan Du, Northwestern University, USA

Symposium Time: 1:30-5:30 PM EST

Subgroup Business Meeting: 3:40 PM

Symposium Room: 201/202/203

1:30 PM Opening Remarks

1:35 PM Diana Bautista, University of California, Berkeley, USA

The Role of Scn1b in Mechanosensory Signaling and Behavior

2:00 PM Charles D. Cox, Harvard University, USA

PIEZO Channel Auxiliary Subunits in Sensory and Non-Sensory Cells

2:25 PM **Special Collaborative Speakers:** Hao Jiang and Pablo Villar del Rio, University of California, San Diego and Harvard University, USA

A Sensory System for Mating in Octopus

2:45 PM Student/Postdoc Talk: Sushant Kumar

3:00 PM Yifan Cheng, University of California, San Francisco, USA

Structural Energetics of Cold Sensitivity in TRPM8

3:20 PM Break

3:40 PM Subgroup Business Meeting

3:50 PM Eduardo Perozo, University of Chicago, USA

Mechanotransduction Mechanisms Underlying Piezoelectric Motor Function in Prestin

4:15 PM Thomas Voets, VIB Center for Brain & Disease Research, Belgium

Targeting TRPM3 - A Heat Sensor on Steroids

4:40 PM Student/Postdoc Talks: Micah Yoder, Jingze Duan, Lena Serradeill, Averil Pike

5:00 PM Josefina del Marmol, Harvard University, USA

From Molecules to Mates: Structural Basis of Chemical Specificity in Insect Pheromone Receptors

5:27 PM Closing Remarks

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