

Biophysical Society 70th Annual Meeting
Physical Cell Biology Subgroup Symposium
Saturday February 21, 2026
San Francisco, California

Subgroup Chair: Qiong Yang, University of Michigan, USA

Program Chair: Robin Lee, University of Pittsburgh School of Medicine, USA

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

Symposium Room: 212/213/214

Subgroup Business Meeting: 3:15 PM

1:30 PM Opening Remarks

1:35 PM Jian Liu, Johns Hopkins University, USA

Mechanochemical Feedback Defines the Central Theme of Cellular Processes

2:05 PM Jonathan Rodenfels, Max Planck Institute of Biophysics, Germany

Energetics of Biological Systems

2:35 PM Elena Koslover, University of California, San Diego, USA

From Mazes to Mingling: Transport and Mixing in Active Mitochondrial Networks

3:05 PM Break

3:15 PM Subgroup Business Meeting

3:25 PM **Student Award in Physical Cell Biology Award Talk:** Yeonghoon Kim, University of Michigan, USA

3:40 PM **Early Career Award in Physical Cell Biology Award Talk:** Trevor GrandPre, Washington University in St. Louis, USA

3:55 PM Allyson Sgro, Janelia Farms, USA

Lineage-Associated Molecular Similarity Arises from Stochastic Biochemical Reactions

4:25 PM Gurol Suel, University of Illinois Chicago, USA

Ionic Interactions as a Biological Force Generator from Cells to Populations

4:55 PM Closing Remarks