

Biophysical Society 70th Annual Meeting
Membrane Fusion, Fission, and Traffic Subgroup Symposium
Saturday February 21, 2026
San Francisco, California

Subgroup Chair: Yongli Zhang, Yale University, USA

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

Symposium Room: 301/302

Subgroup Business Meeting: 3:40 PM

1:00 PM Opening Remarks

1:35 PM **2025 Sir Bernard Katz Awardee Talk:** Ling-Gang Wu, NINDS, NIH, Bethesda, USA

Exo- and Endocytosis: Membrane Transformations Molecular Mechanics and Functions

2:10 PM Bianxiao Cui, Stanford University, USA

Membrane Curvature-Induced Integrin Adhesion and Mechanotransduction

2:30 PM Julien Berro, Yale University, USA

Molecular Mechanisms for Steady Force Transmission During Clathrin-Mediated Endocytosis

2:50 PM Ute Becherer, Universität des Saarlandes, Germany

A Versatile Deep Learning ImageJ Plugin for Automated Analysis of Vesicle Exocytosis and Burst-Like Fluorescence Events

3:10 PM Ilya Levantal, University of Virginia, USA

Novel Dimensions of Lipid Bilayer Asymmetry and Their Consequences for Membrane Physiology

3:25 PM Break

3:30 PM Subgroup Business Meeting

3:35 PM Jose Rizo, University of Texas Southwestern Medical Center, USA

How are Neurotransmitters Released in Microseconds

4:05 PM Guo-Qiang Bi, University of Science and Technology of China, China

Synaptic Vesicle Exocytosis: Kiss-Shrink-Run

4:35 PM **2026 Sir Bernard Katz Awardee Talk:** Phyllis Hanson, University of Michigan, Ann Arbor, MI

4:40 PM **Student/Postdoc Talks:** Ioana Butu, Anna Eitel, Dennis Michalak, Ana Paula Vargas Ruiz

5:30 PM Closing Remarks

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