

Biophysical Society 67<sup>th</sup> Annual Meeting  
Biological Fluorescence Subgroup Symposium  
Saturday February 18, 2023  
San Diego, California

**Subgroup Chair:** Sua Myong, Johns Hopkins University, USA

**Symposium managed by incoming Subgroup Chair:** Hugo Sanabria, Clemson University

**Symposium Time:** 8:30 AM - 12:30 PM PST

**Subgroup Business Meeting:** 10:15 AM

**Symposium Room:** 11AB

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8:30 AM Opening Remarks

8:35 AM Gabriela Schlau-Cohen, Massachusetts Institute of Technology, USA

*Following Transmembrane Conformational Signaling with Single-molecule FRET*

9:00 AM Scott Blanchard, St. Jude Children's Research Hospital, USA

*Single-molecule Perspectives on mRNA Decoding Fidelity in Bacteria and Human*

9:25 AM Maria Garcia-Parajo, ICFO Institute of Photonic Science, Spain

*Dynamic Mapping of Individual Molecules and their Compartments by High-density Single Particle Tracking*

9:50 AM Hagen Hofmann, Weizmann Institute of Science, Israel

*Diffusion of a Disordered Protein on Its Folded Ligand*

10:15 AM Subgroup Business Meeting & Break

10:40 AM Chunte Sam Peng, Massachusetts Institute of Technology, USA

*Ultralong-term, Real-time Tracking of Single Cargoes in Living Neurons*

11:05 AM Selected Rapid Fire Talks: Erik Dylan Holmstrom, Olivier Duss, Gopika Gopan, Dohyun Kim, and Steven Dylan Emil Fried

11:25 AM **Young Fluorescence Investigator Award & Talk:** Leonel Malacrida

11:55 AM Gregorio Weber Award & Lecture

12:30 PM Closing Remarks

The Biological Fluorescence Subgroup is grateful for support from the following sponsors:

The logo for LUMIX features the word "LUMIX" in a bold, sans-serif font. The letter "L" is blue, while the letters "U", "M", "I", "X", and "C" are dark grey. The letter "X" is stylized with a blue double-line design. The letters "K" and "S" are dark grey. The letters "L", "U", "M", "I", "X", and "C" are of uniform height, while the "K" and "S" are taller.

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