

Biophysical Society 66<sup>th</sup> Annual Meeting

Cryo-EM Subgroup Symposium

Saturday February 19, 2022

San Francisco, California

**Subgroup Chair:** Gira Bhabha, NYU Langone Health, USA

**Program Co-Chairs:** Danielle Grotjahn, Scripps Research Institute, USA and Gaia Pagino, Max Planck Institute of Molecular Cell Biology and Genetics, Germany

**Symposium Time:** 6:00 PM - 10:00 PM PST

**Symposium Room:** Moscone South 303/304

**Subgroup Business Meeting:** 9:45 PM

**Subgroup Networking Event:** 10:30 PM - midnight at Hotel Zetta

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6:05 PM Minkyung Baek, University of Washington

*Accurate Prediction of Protein Structures and Interactions Using Artificial Intelligence*

6:30 PM Josefina del Marmol, Harvard Medical School

*Structural Insight into Odor Detection and Discrimination*

6:55 PM Elizabeth Kellogg, Cornell University

*A Transposon Love Story: Mechanistic Studies Describing How CRISPR-associated Transposases Finds Their Targets Using Cryo-EM*

7:20 PM Spotlight on Junior PIs

7:45 PM Break

8:00 PM Philipp Erdmann, Human Technopole Foundation, Italy

*Blobology 2.0: Visualizing LLPS by in situ Cryo-Electron Tomography*

8:25 PM Elizabeth Wright, University of Wisconsin

*Travels through Virus-infected Cells with in situ Cryo-ET*

8:50 PM Janet Iwasa, University of Utah

*Animating Molecular Machines*

9:15 PM Flash Talks from: Pilar Cossio, Michaela Medina, Devan Diwanji, Cristina Santarossa, Sheena Vasquez, Genki Terashi, and Iris Young

9:45 PM Subgroup Business Meeting

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