Biophysical Society 66th Annual Meeting

Macromolecular Machines and Assemblies Subgroup Symposium

Saturday February 19, 2022
San Francisco, California

**Subgroup Chair:** Edwin Antony, St. Louis University School of Medicine, USA  
**Symposium Time:** 8:30 AM - 12:30 PM PST  
**Subgroup Business Meeting:** 12:00 Noon  
**Symposium Room:** Moscone South 207/208

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8:35 AM Lucas Farnung, Harvard University  
*Structural Basis of Chromatin Transcription*

9:00 AM Elizabeth Kellogg, Cornell University  
*Structural Basis for Target-site Selection in RNA-guided DNA Transposition Systems*

9:25 AM Allison Williams, University of California San Francisco  
*Visualizing the Bacterial Stress Sensing Platform in Action*

9:50 AM Margaret Rodgers, Johns Hopkins University  
*Single-molecule studies of Co-transcriptional Ribonucleoprotein Assembly*

10:05 AM Break

10:15 AM Ci Ji Lim, University of Wisconsin - Madison  
*Structure of Human Cst-Pol-A/Primase Bound to a Telomeric Overhang Poised For Initiation of Telomere C-Strand Synthesis*

10:40 AM Ashley Nord, CNRS - Centre de Biochimie Structurale, France  
*Stator Dynamics of the Bacterial Flagellar Motor*

11:05 AM Willow Coyote-Maestas, University of California - San Francisco  
*Deconvoluting receptor trafficking, regulation, and function using massively parallel assays in living cells*
11:20 AM Subhas Bera, Interdisciplinary Center for Clinical Research Erlangen, Germany
High-throughput magnetic tweezers to unravel the SARS-CoV-2 polymerase nucleotide addition cycle: towards the rational design of novel antiviral drugs

11:35 AM Selected Talks from Abstracts: Michael Lawson, Stanford University and Emily Ellinger, University of Michigan

12:00 Noon Subgroup Business Meeting

The Macromolecular Machines and Assemblies Subgroup is grateful for support from the following sponsors: