

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

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:

