

Biophysical Society 68<sup>th</sup> Annual Meeting  
Macromolecular Machines and Assemblies Subgroup Symposium  
Saturday February 10, 2024  
Philadelphia, Pennsylvania

**Subgroup Chair:** Eric Galburt, Washington University, St Louis, USA

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

**Subgroup Business Meeting:** 12:15 PM

**Symposium Room:** 113AB

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8:30 PM Opening Remarks

8:35 AM Robin Stanely, National Institutes of Health, USA

*Mechanisms of RNA Recognition and Cleavage by Ribonucleases*

9:00 AM Jungsan Sohn, Johns Hopkins University, USA

*Signaling by Assembly: How Inflammasome Filaments Recognize and Distinguish One Another*

9:25 AM Katrin Karbstein, UF Scripps Institute for Biomedical Innovation & Technology, USA

*Quality Control During Ribosome Assembly and Function*

9:50 AM Rodrigo Reyes Lamothe, McGill University, Canada

*Coordination of DNA Unwinding and DNA Synthesis at the Bacterial Replisome*

10:15 AM Break

10:30 AM Anna-Lena Steckelberg, Columbia University, USA

*Dynamic viral RNA structures as master manipulators of the cellular RNA degradation machinery*

10:55 AM Miguel Rosas Salvans, University of California, San Francisco, USA

*Probing How the Astrin/SKAP Complex Reduces Friction at the Kinetochores-Microtubule Interface*

11:20 AM Student/Postdoc Talk: Effibe Ahoulou, University of California, Davis, USA

*Structural Analysis of retinal Guanylyl Cyclase Activation Protein 5*

11:45 AM Student/Postdoc Talk: Maximilian Carl Zinke, Pasteur Institut, France

*TonB Raider: Discovering the secrets of the Ton system's order*

12:15 AM Subgroup Business Meeting

12:25 PM Closing Remarks

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