

Biophysical Society 68<sup>th</sup> Annual Meeting  
Theory & Computation Subgroup Symposium  
Saturday February 10, 2024  
Philadelphia, Pennsylvania

**Subgroup Chair:** Rommie Amaro, University of California, San Diego, USA

**Symposium Time:** 1:30-5:30 PM EST

**Symposium Room:** 103AB

**Subgroup Business Meeting:** 5:00 PM

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1:30 PM Opening Remarks

1:35 PM **2023 Early-Career Award Winner:** Guilia Palermo, University of California, Riverside, USA  
*Dynamics and Mechanisms of CRISPR-Cas9 Through the Lens of Computational Methods*

2:05 PM Rosana Collepardo-Guevara, Cambridge University, USA  
*How do Proteins Regulate the Liquid-like Organisation of Chromatin?*

2:35 PM Kresten Lindorff-Larsen, University of Copenhagen, Denmark  
*Validating Biophysical Experiments Using Simulations*

3:05 PM Break

3:20 PM Jessica Swanson, University of Utah, USA  
*New Conceptual and Computational Tools of Inquiry for Ion Channels and Transporters*

3:50 PM **2024 Early Career Award Talk:** Glenn Hocky, New York University, USA  
*Proteins Taking their Time Under Pressure*

4:20 PM **2024 Mid-Career Award Talk:** Lynn Kamerlin, Georgia Tech University, USA  
*Conformational Dynamics and the Emergence of New Enzymes*

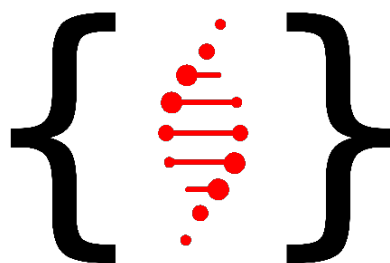
4:50 PM Closing Remarks

5:00 PM Subgroup Business Meeting

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