

Biophysical Society 70th Annual Meeting
Theory & Computation Subgroup Symposium
Saturday February 21, 2026
San Francisco, California

Subgroup Chair: Sarah Harris, University of Sheffield, UK

Symposium Time: 1:30-5:30 PM PDT

Symposium Room: 209/210/211

Subgroup Business Meeting: 5:00 PM

1:30 PM Opening Remarks

1:35 PM Alexander Pak, Colorado School of Mines, USA

Strategies to Perturb Protein Assemblies from a Coarse-Grained Molecular Dynamics Perspective

2:05 PM Sirish Kaushik Lakkaraju, Bristol Myers Squibb, USA

MDFit: Using Machine-Learning to Predict Ligand Potency from Molecular Simulations

2:35 PM Karissa Sanbonmatu, Los Alamos National Lab, USA

Multiscale Simulations at Biological Timescales: Simulating tRNA Dissociation from the Ribosome with MUON

3:05 PM Break

3:20 PM Flash Talks: Farideh Badichi Akher, Pablo Garcia, Ashley Goodberlet, Gianmarc Grazioli, Muhui Ye

3:35 PM **2026 Postdoctoral Awardee Talk:** Sergio Cruz-Leon

4:00 PM **2026 Early Career Awardee Talk:** Rafael Bernardi

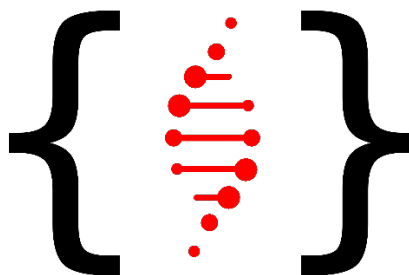
4:25 PM **2026 Mid-Career Award Talk:** Margaret Johnson

4:55 PM Closing Remarks

5:00 PM Subgroup Business Meeting

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