

Biophysical Society 67th Annual Meeting
Intrinsically Disordered Proteins Subgroup Symposium
Saturday February 18, 2023
San Diego, California

Subgroup Chair: Jeanne Stachowiak, University of Texas - Austin, USA

Program Co-Chairs: Samrat Mukhopadhyay, Indian Institute of Science Education and Research, Mohali, India, and
Sapun Parekh, University of Texas - Austin, USA

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

Subgroup Business Meeting: 5:10 PM

Symposium Room: 6C

1:30 PM Opening Remarks

1:35 PM Keynote Speaker: Jane Dyson, Scripps Research Institute, USA

Functional Disorder in p53

2:10 PM Elizabeth Komives, University of California, San Diego, USA

The Many Functions of Intrinsic Disorder in NF- κ B Signaling

2:35 PM Student/Postdoc Talk: Anita Donlic, Princeton University, USA

Linking Molecular-Level RNA-Protein Interactions with Mesoscale Properties of the Nucleolus

2:50 PM Priya Banerjee, University at Buffalo, USA

Shedding Light on the Phase Separation Landscape of Intrinsically Disordered Proteins

3:15 Break

3:20 AM Lucia Chemes, Universidad Nacional de San Martin, Argentina

Conformational Buffering as a Mechanism Underlying Dimensional Compensation and Functional Evolution in Intrinsically Disordered Proteins

3:45 PM Student/Postdoc Talk: Yohan Lee, University of Texas - Austin, USA

Compression of Lipids Drives Transbilayer Coupling of Protein Condensates

4:00 PM Paolo Arosio, ETH Zurich, Switzerland

Acceleration and Inhibition of Amyloid Formation by Biomolecular Condensates

4:25 PM Student/Postdoc Talk: Raymond Berkeley, University of California, San Diego, USA

Structural Investigations of the Small Heat Shock Protein Hspb1 in the Presence of a Phase-Separated Client

5:05 PM Closing Remarks

5:10 PM Subgroup Business Meeting

The Intrinsically Disordered Proteins Subgroup is grateful for support from the following sponsors:



Postdoc awards were funded by a generous donation from Keith Dunker