

Biophysical Society 68<sup>th</sup> Annual Meeting  
Intrinsically Disordered Proteins Subgroup Symposium  
Saturday February 10, 2024  
Philadelphia, Pennsylvania

**Subgroup Chair:** Sarah Shammass, University of Oxford, UK

**Program Co-Chairs:** John Ditlev, Hospital for Sick Children, Canada, and Wade Zeno, University of Southern California, USA

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

**Subgroup Business Meeting:** 12:00 PM

**Symposium Room:** 201AB

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8:30 PM Opening Remarks

8:35 AM Kevin Solomon, University of Delaware, USA

*Hydrophobic Biomolecular Condensates to Control Cellular Behavior*

8:55 AM Student/Postdoc Talk: Intrinsically Disordered Protein Subgroup Postdoctoral Award Winner Aritra Chowdhury

9:10 AM Jerelle Joseph, Princeton University, USA

Accurate Simulations of Biomolecular Condensates

9:30 AM Flash Talks: Patrick Koenig, Mark Tingey, Jasmine Cubuk, Fidha Nazreen Kunnath Muhammedkutty, Susmita Sarkar, Christopher Brue, Emery Usher, and Emily Brackhahn

9:45 AM Hyun Lee, University of Toronto, USA

*Regulation of Condensates by Molecular Chaperones*

10:05 AM Break

10:20 AM Dorothee Dormann, Johannes Gutenberg University of Mainz, Germany

*Molecular Mechanisms Controlling RNA-Binding Protein Phase Transitions in Neurodegenerative Disorders*

10:40 AM Peter Chung, University of Southern California, USA

*The Transition from Soluble to Membrane-Bound IDPs: New Tools and Perspectives*

11:00 AM Student/Postdoc Talk: Intrinsically Disordered Protein Subgroup Postdoctoral Award Winner Richoo Davis

11:15 AM Rebecca Berlow, University of North Carolina, USA

*Multivalency Enables Complex Cooperative and Competitive Interactions of IDPs*

11:35 AM Monika Fuxreiter, Università di Padova, Italy

*Protein Interactions in Cells: Back to the Future*

11:55 AM Closing Remarks

12:00 PM Subgroup Business Meeting

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Postdoc awards were funded by a generous donation from Keith Dunker