Biophysical Society 68th Annual Meeting

Intrinsically Disordered Proteins Subgroup Symposium

Saturday February 10, 2024

Philadelphia, Pennsylvania

Subgroup Chair: Sarah Shammas, 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

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

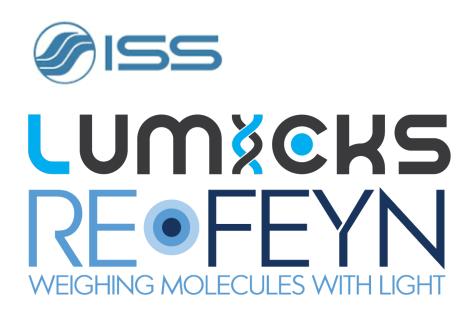
Multivalency Enables Complex Cooperative and Competitive Interactions of IDPs

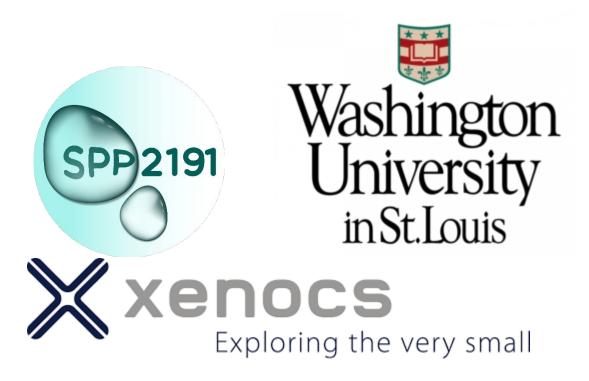
11:35 AM Monika Fuxreiter, Università di Padova, Italy Protein Interactions in Cells: Back to the Future

11:55 AM Closing Remarks

12:00 PM Subgroup Business Meeting

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





Postdoc awards were funded by a generous donation from Keith Dunker