

Intrinsically Disordered Proteins Subgroup 2018 Symposium
Saturday, February 17, 2018
San Francisco, California
12:30 PM- 6:15 PM
Esplanade Room 153
Subgroup Chair: Jean Baum, Rutgers University

12:00 PM (previously 12:30 PM) Business Meeting

1:00 PM Opening Remarks

1:10 PM

Daniel Raleigh, Stony Brook University
The Biophysics of Amyloidosis Induced Cell Death

1:55 PM

Sarah Shammass, University of Oxford, UK
Binding Reactions of Disordered Proteins

2:25 PM

Hoi Sung Chung, National Institutes of Health
Probing Folding and Conformational Dynamics of Intrinsically Disordered Proteins by Single Molecule FRET

2:55 PM Postdoc Talk

Alessandro Borgia, University of Zurich, Switzerland
Two intrinsically disordered proteins binding with picomolar affinity without gain of structure

3:15 PM Break

4:00 PM

Frauke Gräter, Heidelberg Institute for Theoretical Studies, Germany
Handshake or High-Five? Two Distinct Modes of Nucleoporin-Receptor Binding

4:30 PM

Hue Sun Chan, University of Toronto, Canada
Conformational Heterogeneity and Theory of Sequence-specific Functional Phase Separation of Intrinsically Disordered Proteins

5:00 PM Postdoc Talk

Jeong-Mo Choi, Washington University
Molecular Grammar Governing Phase Behavior of Intrinsically Disordered Proteins With Prion-Like Domains

5:20 PM

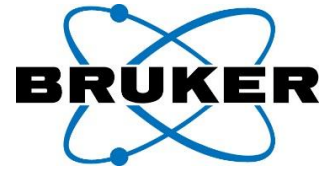
Peter Wright, The Scripps Research Institute
Allosteric Regulation of Cellular Signaling Pathways by Intrinsically Disordered Proteins

6:05 PM Closing Remarks

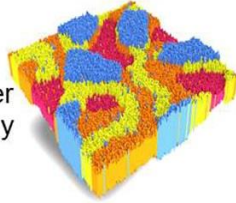
6:15 PM Adjournment

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