

**Biopolymers in vivo 2019 Symposium**  
**Saturday March 2, 2019**  
**Baltimore, Maryland**  
**Noon – 6:05 PM**  
**Convention Center Rooms: 301, 302 & 303**  
**Subgroup Chair: Simon Ebbinghaus, Technische Universität Braunschweig**

Noon to 1:00 PM

**Subgroup Business Meeting**

1:00 PM to 1:05 PM

Simon Ebbinghaus, Technische Universität Braunschweig, Germany

**Opening Remarks**

1:05 PM to 1:50 PM

Jim Bruce, Washington University, Seattle, WA, USA

**Exploring the in vivo Interactome**

1:50 PM to 2:20 PM

Lisa M. Jones, University of Maryland – School of Pharmacy, Baltimore, MD, USA

**Junior Faculty Award Winner**

**Protein Footprinting Coupled with Mass Spectrometry for In-Cell Protein Analysis**

2:20 PM to 2:50 PM

Mark Leake, York University, UK

**Illuminating the black box of DNA-Protein Interactions**

2:50 PM to 3:05 PM

Matthew D. Dalphin, University of Wisconsin – Madison, WI, USA

**Student/Postdoc Talk: The Earliest Stages of a Protein's Life Influences its Long-Term Solubility and Structural Accuracy**

3:05 PM to 3:35 PM

Kerwyn C (KC) Huang – Stanford University, California, USA

**Conformational Dynamics of a Bacterial Actin Filament Predict in vivo Filament Length**

4:00 PM to 4:30 PM

Danny Hatters, University of Melbourne, Australia

**Proteome aggregation patterns under proteostasis stress as signatures for understanding Huntington's Disease**

4:30 PM to 4:45 PM

Gregory Dignon, Lehigh University, Allentown, PA, USA

**Student/Postdoc Talk: A High-Throughput Approach to Phase Separation of Disordered Proteins**

4:45 PM to 5:15 PM

Shana Elbaum-Garfinkle, City University of New York, NY, USA

**Protein Phase Separation and Emergent Material Properties**

5:15 PM to 6:00 PM

Lucy Shapiro, Stanford University, California, USA

**A Bacterial Membraneless Organelle Sequesters a Signaling Pathway that Drives Spatial Regulation of Cell Function**

6:00 PM to 6:05 PM

**Closing Remarks**

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