

Biophysical Society 66th Annual Meeting
Biopolymers *in vivo* Subgroup Symposium
Saturday February 19, 2022
San Francisco, California

Subgroup Chair: Edward P. O'Brien, Penn State University, USA

Program Co-Chairs: Benedetta Bolognesi, Institute for Bioengineering of Catalonia (IBEC), Spain and Alex S. Holehouse, Washington University in St. Louis, USA

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

Subgroup Business Meeting: 1:30 PM

Symposium Room: Moscone South 204/205/206

1:30 PM Subgroup Business Meeting

2:00 PM Polly Fordyce, Stanford University

Leveraging Microfluidics for High-throughput Protein Expression, Purification, and Deep Biophysical Characterization

2:40 PM Jané Kondev, Brandeis University

Neither Too Short, Nor Too Long, But Just Right: Assembly of Scale Invariant Filaments

3:00 PM Mohammed AlQuraishi, Columbia University

Protein Structure Prediction in a Post-AlphaFold2 World

3:20 PM Ylva Ivarsson, Uppsala University, Sweden

Proteome-scale Identification of Short Linear Binding Motifs in the Intrinsically Disordered Regions of Human and Viral Proteomes

3:40 PM Break

4:10 PM Max Staller, University of California, Berkeley

Sequence Features of Transcriptional Activation Domains

4:30 PM Shahar Sukenik, University of California, Merced

Observing Intrinsically Disordered Proteins in Live Cells

4:50 PM Benedetta Bolognesi, IBEC Barcelona, Spain

Mapping Amyloid Nucleation in vivo by Deep Mutagenesis

5:10 PM BIV Junior Faculty Prize: Kim Reynolds, University of Texas Southwestern

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