

Biophysical Society 70th Annual Meeting
Biopolymers in Vivo Subgroup Symposium
Saturday February 21, 2026
San Francisco, California

Subgroup Chair: Daryl Eggers, San Jose State University, USA

Program Co-Chairs: Alexander Buell, Technical University of Denmark, Denmark and Simon Ebbinghaus, Ruhr University Bochum, Germany

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

Subgroup Business Meeting: 5:15 PM

Symposium Room: 154

1:30 PM Opening Remarks

1:35 PM Dieter Braun, Ludwig Maximilian University of Munich, Germany

Recreating the Rock-based RNA world at the Origin of Life

2:00 PM Songi Han, Northwestern University, USA

Tuning Biocompatible Polymers through Hydration Engineering

2:25 PM Susan Marqusee, University of California, Berkeley, USA

Labeling Rare and Transient States on the Landscape

2:50 PM Andrea Soranno, Washington University, USA

Single-Molecule Spectroscopy of Disordered Proteins in Crowded Environments

3:15 PM Anne Wentinck, Leiden University, Netherlands

Untangling Protein Aggregates in Neurodegenerative Disease

3:40 PM Break

3:50 PM Kendra Frederick, University of Texas, Southwestern, USA

Structural Determination of Neurodegenerative Disease Associated Proteins Inside Cells

4:10 PM Alexander Buell, Denmark's Tekniske Universitet, Denmark

Probing IDP Assembly by Sequence-Perturbative Approaches

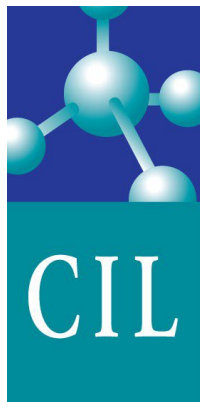
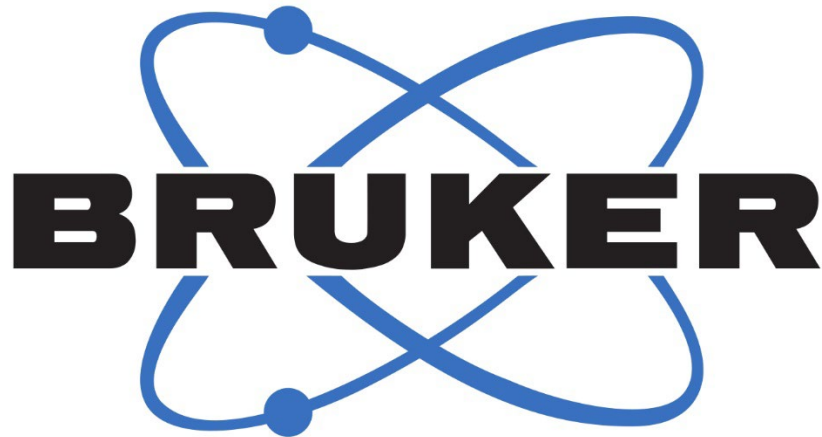
4:30 PM Joan-Emma Shea, University of California, Santa Barbara, USA

Self-Assembly of the Tau Protein: Liquid-Liquid Phase Separation and Fibrillization

4:50 PM **BIV Junior Faculty Award Speaker:** Emily Sontag

5:15 PM Subgroup Business Meeting

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