Program Co-Chairs: Elizabeth Kellogg, Cornell University and Melanie Ohi, University of Michigan Medical School

Symposium Title: Cryo-Electron Microscopy: From Atoms to Cells and Beyond

6:05 PM David DeRosier, Brandeis University

Where in the Cell is my Protein?

6:27 PM Arne Möller, Max Planck Institute of Biophysics, Germany

The Conformational Dynamics of an ABC Transporter under Turnover Conditions

6:49 Subgroup Business Meeting

7:04 PM Ariane Briegel, Leiden University, Netherlands

Cryo-Electron Tomography Contributes to our Understanding of Bacterial Interactions with their Environment

7:26 PM Vignesh Kasinath, University of California, Berkeley

Structural Characterization of Large Macromolecular Complexes Regulating Chromosome Architecture and Gene Expression

7:44 PM Kanika Khanna, University of California, San Diego

Regulation of Cell Division during Sporulation in Bacillus Subtilis
8:02 PM Juergen M. Plitzko, Max Planck Institute of Biochemistry

Towards a Biopsy at the Nanoscale: Advances in Cryo-Electron Tomography for in situ Structural Biology of Cells and Tissues

8:39 PM Bridget Carragher, Columbia University

CryoEM Automation: Better, Faster, Cheaper

9:01 PM Christopher Barnes, California Institute of Technology

Structures of HIV-1 Envelope Trimers Define Antibody-Mediated Neutralization of HIV-1

9:37 PM - Nikolaus Grigorieff, HHMI Janelia Research Campus

Identification and Localization of Macromolecular Complexes in Cells by High-Resolution Template Matching

The Cryo-EM Subgroup is grateful for the support of the following sponsors: