

**Cryo-EM Subgroup  
2020 Symposium  
San Diego, California**  
San Diego Convention Center Rooms: 31 ABC  
Symposium Time: 6:00 - 10:00 PM  
Subgroup Chair: Elizabeth Villa, University of California, San Diego

**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*

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