

**List of Posters**

- P01:** *Superresolution microscopy reveals spatial variability in E. coli.*  
Ann McEvoy, University of California, Berkeley, USA
- P02:** *New directions for combined optical and cryo-electron microscopy.*  
Atsushi Matsuda, University of California, San Francisco, USA
- P03:** *Single-molecule superresolution microscopy requires new tools for data analysis.*  
Derek Greenfield, University of California, Berkeley, USA
- P04:** *A correlated single particle electron microscopy and single molecular fluorescence microscopy approach to eukaryotic transcription.*  
Yi-Min Wu, Academia Sinica, Taipei, Taiwan
- P05:** *A correlated fluorescence microscopy, X-ray microscopy and cryo-electron microscopy for revealing organelle and proteins inside cells.*  
Hua Tzu-en, Institute of Physics, Academia Sinica, Hsinchu, Taiwan
- P06:** *5-Å Cryo-EM Structure of of Halotia diversicolor Hemocyanin (HdH).*  
Qinfen Zhang, Sun Yat-Sen University, Guangzhou, China
- P07:** *Direct Cryo-Electron Microscopy Visualization of Antibiotic-induced Pores in Phospholipid Vesicles.*  
Mikyung Han, Baylor College of Medicine, Houston, USA
- P08:** *Mechanism of a group II chaperonin revealed by electron cryo-microscopy at near-atomic and sub-nanometer resolutions.*  
Junjie Zhang, Baylor College of Medicine, Houston, USA
- P09:** *Structural studies of plant reoviruses by electron microscopy.*  
Naoyuki Miyazaki, Institute for Protein Research, Osaka University, Osaka, Japan
- P10:** *Optimal conditions for Cryo-EM with liquid helium-cooled specimen stage.*  
Masamichi Ashihara, Osaka University, Osaka, Japan

## Frontiers of Biological Imaging: Synergy of the Advanced Techniques

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**P11:** *Structural characterization of supercoiled DNA containing a minisatellite repeat that has polypurine/polypyrimidine stretch.*

Mikio Kato, Osaka University, Osaka, Japan

**P12:** *Structural Analysis of DNA Nanostructure by Electron Cryomicroscopy.*

Takayuki Kato, Osaka University, Osaka, Japan

**P13:** *Infection of the Marine Cyanobacterium Prochlorococcus by Cyanophage P-SSP7 Visualized by Cryo-Electron Tomography.*

Kazuyoshi Murata, Baylor College of Medicine, Houston, USA

**P14:** *Direct visualisation of intracellular actin-like bundles involved in ParMRC plasmid DNA segregation.*

Jeanne Salje, MRC Laboratory of Molecular Biology, Cambridge, UK

**P15:** *More Information from Electrons – progress and directions for TEM image capture.*

Ming Pan, Gatan Inc., Pleasanton, USA

**P16:** *Automatic acquisition of large volume of high resolution 3D data using serial block face scanning electron microscopy (SBFSEM).*

Ming Pan, Gatan Inc., Pleasanton, USA

**P17:** *EM Navigator – 3D Electron microscopy data browser.*

Hirofumi Suzuki, Osaka University, Osaka, Japan

**P18:** *Serial block face DualBeam electron microscopy for the exploration of intestine epithelial.*

Ben Lich, FEI Electron Optics BV, Eindhoven, The Netherlands

**P19:** *Design and Characterization of 64 MegaPixel Fiber Optic Coupled CMOS Detector for Transmission Electron Microscopy.*

Hans Tietz, TVIPS GmbH, Gauting, Germany

**P20:** *Membrane Proteins Immunolocalization with High Spatial Resolution by STEM-EDX on Freeze-Fractured Replica.*

Alexandre Loukanov, National Institute for Physiological Sciences, Okazaki, Japan

**P21:** *Tuning of Zernike Phase plate for Visualization of Detailed Ultrastructures in Complex Biological Specimens.*

Yoshiyuki Fukuda, National Institute for Physiological Sciences, Okazaki, Japan

**P22:** *Trial of Direct observation of protein motion in aqueous solution using phase contrast TEM.*

Hiroki Minoda, Tokyo University, Tokyo, Japan

**P23:** *Zernike phase plate: a useful tool to overcome the limitations of single particle cryo-EM of unstained asymmetric protein complexes.*

Wei-hau Chang, Academia Sinica, Taipei, Taiwan

**P24:** *Zernike Phase Contrast Electron Microscopy of Ice-Embedded Influenza A Virus.*

Masashi Yamaguchi, Chiba University, Chiba, Japan

**P25:** *Dynamic change of DNA bulk structure during the cell cycle of *Synechococcus elongatus* PCC7942.*

Yukiko Seki, Saitama University, Saitama, Japan

**P26:** *Observation of in vivo macromolecules in ice embedded whole cyanobacterial cells by HDC-TEM.*

Yasuko Kaneko, Saitama University, Saitama, Japan

**P27:** *A novel tubular structure in infected cells of soybean root nodules.*

Nayeema Bulbul, Saitama University, Saitama, Japan