

Cryo-EM Subgroup 2016 Symposium

Saturday, February 27, 2016

Los Angeles, California

Program Chairs: *Ed Egelman*, University of Virginia; *Da-Neng Wang*, New York University; *Bridget Carragher*, New York Structural Biology Center; *Yifan Cheng*, University of California, San Francisco; *Irina Serysheva*, University of Texas Medical School; *David Stokes*, New York University

7:00 PM - 9:00 PM

7:00 PM *Tamir Gonen*, Howard Hughes Medical Institute

MicroED: Three Dimensional Electron Diffraction of Microscopic Crystals

7:20 PM *Dganit Danino*, Israel Institute of Technology

Self-Assembly of Peptides and Lipids into 1-Dimensional Ribbons and Nanotubes: Insight from Cryo-TEM

7:40 PM *Zhao Wang*, Baylor College of Medicine

Structure of the AcrABZ-TolC Multidrug Efflux Pump in a Drug-bound State

8:00 PM *Doreen Matthies*, National Institutes of Health

Single Particle cryo-EM Studies of a 200 kDa Magnesium Ion Channel Reveal Large Structural Changes upon Gating

8:20 PM *Alexey Amunts*, Stockholm University, Sweden

If Gel and Mass Spec Don't Help, Solve the Structure by cryo-EM

8:40 PM *Yuan Gao*, University of California, San Francisco

High-resolution cryo-EM Structures of TRPV1 Reveal Structural Basis of Ligand Binding and Channel Gating

9:00 PM Business Meeting