

Motility & Cytoskeleton Subgroup 2018 Symposium

Saturday, February 17, 2018

San Francisco, California

1:00 PM- 6:00 PM

Esplanade Room 156

**Subgroup Co-chairs: Carolyn Moores, University of London, Birbeck College, UK
and Kristen Verhey, University of Michigan Medical School**

1:00 PM Opening Remarks

1:05 PM

Gregory Alushin, Rockefeller University

Cytoskeletal Structural Plasticity in Force Generation and Mechanosensation

1:30 PM

Marija Zanic, Vanderbilt University

Dynamics of Microtubule minus Ends

1:55 PM

Weihong Qiu, Oregon State University

The Kinesin-14 GiKin14a Achieves Long-Distance Minus-End-directed Motility via Its N-Terminal Nonmotor Microtubule-binding Tail

2:20 PM Student Talk

2:25 PM Break

2:45 PM

Tim Clausen, Research Institute of Molecular Pathology, Austria

Keeping Muscle Myosin in Shape

3:10 PM

Etsuko Muto, RIKEN Brain Science Institute, Japan

How Do Microtubules Activate Kinesin and Dynein ATPase Activity

3:35 PM Student Talk

3:40 PM

Samara Reck-Peterson, University of California, San Diego

Mechanisms of Regulating Cytoplasmic Dynein

4:05 PM

Margot Quinlan, University of California, Los Angeles

Cytoskeletal Control of Cell Polarity in the Drosophila Oocyte

4:30 PM Business Meeting

5:00 PM

Wallace Marshall, University of California, San Francisco

Flagellar Length Control System: A Paradigm for Organelle Size Regulation

6:00 PM Closing Remarks

The Motility & Cytoskeleton Subgroup is grateful for support from the following companies:

