

**Motility & Cytoskeleton Subgroup 2017 Symposium**  
**Saturday, February 11, 2017**  
**New Orleans, Louisiana**  
**1:00 PM- 6:00 PM**  
**Room R04/05**

*Erika Holzbaur, University of Pennsylvania, Subgroup Co-Chair*  
*Joseph Muretta, University of Minnesota, Subgroup Co-Chair*

**1:00 PM Opening Remarks**

1:05 PM

*MyTH4-FERM myosins in the assembly and maintenance of actin-based protrusions*  
Matthew Tyska, Vanderbilt University Medical Center

1:30 PM

*Structural and functional diversity across the kinesin superfamily*  
Kristen Verhey, University of Michigan Medical School

1:55 PM **Student Talk**

*Skeletal Myosin-Binding Protein C Modulates Actomyosin Contractility in an Isoform-Dependent Manner*  
Amy Li, University of Vermont

2:10 PM **Student Talk**

*Triple Fret Imaging of Non-Muscle Myosin Ii Localization in Migrating Cells*  
Nicole Snell, University of Maryland

2:25 PM **Break**

2:45 PM

*Readout of the tubulin code by cellular effectors*  
Antonina Roll-Mecak, NIH

3:10 PM

*Biophysical regulation of myosin motility through the motor-cargo interface*  
Sivaraj Sivaramakrishnan, University of Minnesota, Twin Cities

3:35 PM

*The role of the thick filaments in the regulation of muscle contraction*  
Malcolm Irving, King's College London

4:00 PM

*Single molecule imaging reveals the mechanism of actin.Tn.Tm activation and deactivation*  
Neil Kad, University of Kent

4:25 PM **Business Meeting**

5:00 PM **Keynote Speaker**

*Molecular Characterization of a Membrane-Associated Cytoskeletal Motor Family*  
E. Michael Ostap, University of Pennsylvania

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

