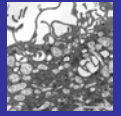




# Pennsylvania Muscle Institute Retreat and Symposium

## Mechanisms Linking Cellular Membranes and Cytoskeleton Dynamics



Monday, April 26, 2010, Biomedical Research Building II/III Auditorium

Organizers: Dr. Roberto Dominguez and Dr. Tatyana Svitkina



8:30 – 9:00 **Refreshments and Poster Setup**

9:00 – 9:05 **Welcome**

Yale E. Goldman, M.D., Ph.D.  
University of Pennsylvania School of Medicine

9:05 – 9:45 **Linking Myosin Motors to Membranes**

E. Michael Ostap, Ph.D.  
University of Pennsylvania

9:45 – 10:25 **The Role of the Exocyst in Cell Migration**

Wei Guo, Ph.D.  
University of Pennsylvania

10:25 – 10:45 **Coffee Break and Poster Session**

### Robert E. Davies Honorary Lecture

11:00 – 11:45 **Regulation of the Actin Cytoskeleton – Plasma Membrane Interplay by I-BAR Family Proteins**

Pekka Lappalainen, Ph.D.  
University of Helsinki

11:45 – 12:00 **The Basic Domain Participates in Targeting Formin mDia2 to the Plasma Membrane**

Roman Gorelik  
University of Pennsylvania (advisor: Tatyana Svitkina)

12:00 – 1:45 **Lunch, Vendor Show, and Poster Session**

### Andrew P. Somlyo Honorary Lecture

1:45 – 2:45 **Actin Assembly at Membranes: Mechanism and Regulation**

John A. Cooper, M.D.  
Washington University

2:45 – 3:25 **Membrane-Cytoskeletal Dynamics at the Immunological Synapse**

Janis K. Burkhardt, Ph.D.  
University of Pennsylvania

3:25 – 3:45 **Coffee Break and Poster Session**

3:45 – 4:25 **Spatial Production of Phosphoinositide Synthesis and Reorganization of the Actin Cytoskeleton**

Charles S. Abrams, M.D.  
University of Pennsylvania

4:25 – 4:40 **Establishing the Mechanism for Cellular Substrate Stiffness Sensing**

Shang-You Tee, Ph.D.  
University of Pennsylvania (advisor: Paul Janmey)

4:40 – 5:00 **Poster Award Presentation**

5:00 – 6:00 **Reception**