

Mechanobiology of Contractile Systems - Molecules to Cells -

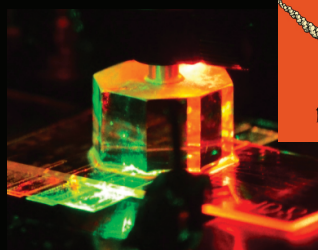
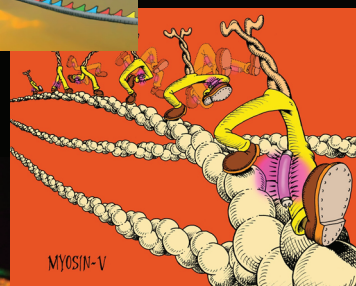
Sponsored by: Physiological Society of Philadelphia,
Pennsylvania Muscle Institute, and the Center for Engineering Mechanobiology

June 12, 2017

Arthur H. Rubenstein Auditorium
Smilow Center for Translational Research



In honor of
Prof. Yale E. Goldman's
70th Birthday



Lectures by:

Malcolm Irving, PhD, FRS

King's College London
"Functions of the regulatory light chain in skeletal muscle myosins"

Vincenzo Lombardi, PhD

University of Florence, Italy
"Muscle myosin, performance and regulation of a collective motor"

E. Michael Ostap, PhD

University of Pennsylvania
"Insights into how myosin motors sense force"

Christopher L. Berger, PhD

University of Vermont
"Single molecule dynamics of tau-microtubule interactions"

Jennifer L. Ross, PhD

University of Massachusetts- Amherst
"Microtubule severing surprisingly stymied"

Margot E. Quinlan, PhD

University of California, Los Angeles
"Cytoskeletal control of cell polarity in the Drosophila oocyte"

Toshio Yanagida, PhD

Osaka University, Japan
"Single molecule science: fluctuation and function of life"

Poster session, plus student and post-doc
oral presentations selected from abstracts

Deadline for registration and abstract
submission: **June 5, 2017**

