Pennsylvania Muscle Institute  
Annual Retreat and Symposium

Celebrating 50 Years  
Muscle, Motors, and the Cytoskeleton

October 16, 2023  
Gaulton Auditorium and Lobby  
Biomedical Research Building (BRB II/III)  
421 Curie Blvd., 1st Floor

Jean and Joseph Sanger Lecture in Muscle Biology:

James A. Spudich, PhD  
Stanford University  
"Myosin, the exquisite nanomachine: From basic science to biotech to medicines"

Andrew Somlyo Honorary Lectures:

Jennifer Lippincott-Schwartz, PhD  
HHMI Janelia Research Campus  
"How the cytoskeleton controls the structure and dynamics of the endoplasmic reticulum"

Andrew P. Carter, PhD  
MRC Laboratory of Molecular Biology  
"Cargo transport by dynein/dynactin"

Penn Speakers:

Sharlene M. Day, MD  
Division of Cardiovascular Medicine  
"Mechanisms of Myosin Binding Protein C Mutations in Hypertrophic Cardiomyopathy"

Roberto Dominguez, PhD  
Department of Physiology  
"Structural-Functional Mechanisms Controlling Actin Filament Barbed and Pointed End Dynamics"

Hansell H. Stedman, MD  
Department of Surgery  
"Gene Therapy for Inherited Muscle Disease: A Glimpse of the Summit Ridge from Everest Base Camp"

Xingyuan Fang (Svitkina Lab)  
Department of Biology  
"Mechanism of branched actin assembly in microtubule- and APC-dependent manner"

Adam Fenton (Holzbaur Lab)  
Department of Physiology  
"FMRP-associated protein synthesis locally determines mitochondrial organization in neurons"

Jennifer Petrosino, PhD (Prosser Lab)  
Department of Physiology  
"The Hitchhiker’s Guide to the Myocyte: Active transport of tRNAs facilitates distributed protein synthesis"

Qing Tang, PhD (Lakadamyali Lab)  
Department of Physiology  
"Insight into cytoskeleton sorting from microtubule detyrosination"

Deadline for registration and abstract submission: October 9, 2023

Registration:
www.med.upenn.edu/pmi

Poster session for all attendees

SCAN TO REGISTER