

Biophysical Society 68th Annual Meeting
Motility & Cytoskeleton Subgroup Symposium
Saturday February 10, 2024
Philadelphia, Pennsylvania

Subgroup Co-Chairs: Stuart Campbell, Yale University, USA and Sarah Heissler, Ohio State University, USA

Symposium Time: 8:30 AM - 12:30 PM EST

Symposium Room: 201C

Subgroup Business Meeting: 8:30 AM

8:30 AM Opening Remarks and Subgroup Business Meeting

8:40 AM Shiladitya Banerjee, Carnegie Mellon University, USA

Shaping Cells by Actomyosin Pulses

9:00 AM Stephanie Sarbanes, ?, ?

?

Commented [EH1]: What are her institution, country, and talk title?

9:20 AM Binyam Mogessie, Yale University, USA

Emerging Mechanisms of Chromosome Segregation in Mammalian Eggs

9:40 AM Thomas Kampourakis, King's College, London, UK

Discovery of a Novel Cardiac-Specific Myosin Modulator Using AI-Based Virtual Screening

10:00 AM Flash Talks: Alexa Price, Cristina Risi, Brent Scott, Crystal Noell, and Mengqi Xu

10:20 AM Break

10:50 AM Motility & Cytoskeleton Subgroup Early Career Award Talk: Mary Elting

11:10 AM Julien Robert-Paganin, Institut Curie/ Centre National de la Recherche Scientifique, UK

Dissecting the Plasmodium Actomyosin System, A New Perspective Against Malaria

11:30 AM Kenneth Campbell, University of Kentucky, USA

Multiscale Simulations That Predict Cardiac Growth in Response to Clinically Relevant Conditions Including Altered Myofilament Function

11:50 AM Claire Friel, University of Nottingham, UK

Ultra-Rapid Microtubule Depolymerisation by the Ancestor of the Kinesin-13 Family

12:10 PM Erika Holzbaur, University of Pennsylvania, USA

An Interphase Actin Wave Promotes Mitochondrial Content Mixing and Organelle Homeostasis

12:30 PM Closing Remarks

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