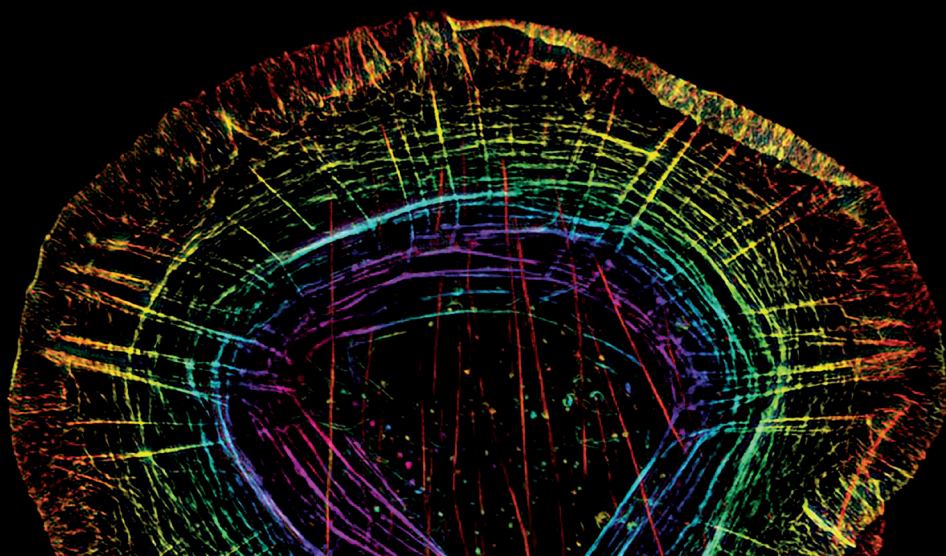


Programme



# Cellular dynamics: membrane-cytoskeleton interface



Southbridge, MA, USA, 21-24 May 2017

# Programme

**Sunday 21 May 2017**

- 12:30**      **Lunch**
- 14:00**      **Sharon Ahmad – Journal of Cell Science, UK**  
Welcome
- 14:15**      **Jennifer Lippincott-Schwartz**  
Emerging fluorescence technology to study the spatial and temporal dynamics of organelles
- 14:45**      **Tomas Kirchhausen**  
Cellular dynamics: 4D live-cell imaging of vesicular traffic and organelle biogenesis
- 15:15**      **Short talk 1**
- 15:30**      **Short talk 2**
- 15:45**      **Coffee in the Crystal Ballroom**
- 16:15**      **Kristen Verhey**  
Gated entry into the ciliary compartment
- 16:45**      **William Trimble**  
Septins as membrane signalling platforms in cytokinesis and ciliogenesis
- 17:15**      **David Stephens**  
Golgi membranes and the dynein-2 motor in formation and function of the primary cilium
- 17:45**      **Short talk 3**
- 18:00**      **Posters and drinks in the Crystal Ballroom**
- 19:30**      **Dinner in Visions Restaurant**

## Monday 22 May 2017

From 06:30 **Breakfast in Visions Restaurant**

09:00 **Michael Way**

A new signalling pathway regulating cortical actin

09:30 **Tony Bretscher**

Mechanism regulating microvilli formation on the apical aspect of epithelial cells

10:00 **Short talk 4**

10:15 **Short talk 5**

10:30 **Coffee in the Crystal Ballroom**

11:15 **Mark Peifer**

Building the body plan during morphogenesis: from apical basal polarity to collective cell migration

11:45 **Gaudenz Danuser**

Intersection between cell morphology and signalling in 3D

12:15 **Short talk 6**

12:30 **Short talk 7**

12:45 **Lunch in Visions Restaurant**

14:15 **Ken Yamada**

3D cell migration and morphogenesis

14:45 **Erik Sahai**

Cancer cell invasion in complex environments

15:15 **Giorgio Scita**

Endocytic control of collective migration and mechanics

15:45 **Short talk 8**

16:00 **Group photo**

16:15 **Posters and coffee in the Crystal Ballroom**

18:00 **Social activity and dinner**

## Tuesday 23 May 2017

From 06:30 **Breakfast in Visions Restaurant**

**09:00 Jenny Russinova**

Endomembrane trafficking of plant receptor kinases

**09:30 Daniel Billadeau**

Regulation of endosomal actin by COMMD proteins

**10:00 Gia Voeltz**

Unravelling the mechanism of ER-associated organelle division

**10:30 Coffee in the Crystal Ballroom**

**11:15 Erika Holzbaur**

Dynamics of autophagy and mitophagy

**11:45 Anna Akhmanova**

Regulation of cell architecture by microtubule end-binding proteins

**12:15 Short talk 9**

**12:30 Short talk 10**

**12:45 Lunch in Visions Restaurant**

**14:15 Kathleen Green**

Desmosomal cadherins coordinate differentiation and cytoskeletal remodelling in epidermal morphogenesis

**14:45 Cara Gottardi**

Uncovering roles for alpha-catenin outside the cadherin-catenin complex

**15:15 Short talk 11**

**15:30 Short talk 12**

**15:45 Coffee in the Crystal Ballroom**

**16:30 Margaret Gardel**

Spatial regulation of RhoA reveals zyxin-mediated elasticity of stress fibres

**17:00 Short talk 13**

**17:15 Short talk 14**

**17:30 Free time**

**18:30 Drinks in the Crystal Ballroom**

**19:30 Dinner in the Crystal Ballroom**

## Wednesday 24 May 2017

From 06:30	<b>Breakfast in Visions Restaurant</b>
09:00	<b>Sophie Martin</b> Mechanism of cell-cell fusion in yeast
09:30	<b>Johanna Ivaska</b> Mechanosensitive cell-matrix interactions in pluripotency and cancer
10:00	<b>Short talk 15</b>
10:15	<b>Coffee in the Foyer</b>
11:00	<b>Short talk 16</b>
11:15	<b>Short talk 17</b>
11:30	<b>Elizabeth Chen</b> Mechanical tension drives cell-cell fusion
12:00	<b>Closing remarks</b>
12:15	<b>Lunch in Visions Restaurant</b> <b>Depart</b>

*Short talks will be selected from the abstracts on registration forms.*

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