

**Mechanobiology 2019 Symposium**  
**Saturday March 2, 2019**  
**Baltimore, Maryland**  
**9:30 AM – 5:20 PM**  
**Convention Center Rooms: 321, 322 & 323**  
**Subgroup Chair: Kristian Franze, University of Cambridge**

9:30 AM to 9:35 AM

Kristian Franze, University of Cambridge, UK

**Opening Remarks**

9:35 AM to 10:05 AM

Michael Sheetz, Mechanobiology Institute (MBI), Singapore

**The Mechanobiology of the Transformed State in Cancer**

10:35 AM to 11:05 AM

Jennifer Curtis, Georgia Tech, Atlanta, GA, USA

**Physical role of hyaluronan glyocalyx in cell adhesion and migration**

11:20 AM to 11:50 AM

Michael Murrell, Yale University, New Haven, CT, USA

**Work and Dissipation in the Cell Cytoskeleton**

12:05 PM to 12:35 PM

Manuel Théry, CEA Grenoble, France

**Stress fibers and the cell cortex form an integrated contractile network**

2:00 PM to 2:30 PM

Clare Waterman, NIH – NHLBI, Bethesda, MD, USA

**Integrin-mediated mechano-sensation in innate immunity**

3:00 PM to 3:30 PM

Matteo Rauzi, University of Nice Sophia Antipolis, France

**Cell and embryo scale mechanisms driving epithelial folding**

3:45 PM to 4:15 PM

Karen Alim, Max Planck Institute for Dynamics and Self-Organization, Gottingen, Germany

**Fluid Flows Shaping Morphology**

4:30 PM to 5:00 PM

**Journal Panel**

5:00 PM to 5:05 PM

Hue Sun Chan & Nicolas Fawzi

**Closing Remarks**

5:05 PM to 5:20 PM

**Subgroup Business Meeting**