

Bioengineering Subgroup 2018 Symposium
Saturday, February 17, 2018
San Francisco, California
9:00 AM- 1:00 PM
Esplanade Room 159
Subgroup Chair: Jonathan Rocheleau, University of Toronto, Canada

9:00 AM Opening Remarks

9:10 AM

Julio M. Fernandez, Columbia University
Protein Folding as a Major Source of Mechanical Work in Physiology

9:40 AM

Anne S. Robinson, Tulane University
Role of Cholesterol in Adenosine A2A Receptor Activity

10:10 AM

Thorsten Wohland, National University of Singapore
Light Sheet Spectroscopy for the Investigation of Biofilms

10:40 AM Break

10:50 AM Business Meeting

11:20 AM

Stuart G. Campbell, Yale University
Engineering-Based Approaches to Understanding, Diagnosing, and Treating Inherited Cardiomyopathies

11:50 AM

Arne Gericke, Worcester Polytechnic Institute
Microfluidic Tool for the in Vitro Characterization of Lipid Gradients in Biological Membranes

12:20 PM Student Talks

12:50 PM Closing Remarks

1:00 PM Adjournment