Morning session - Duff 507-509
10:00 - 12:00 PM

10:00 - 10:20 AM  The tail domain of kinesin-5 regulates its motility and clustering
Malina Iwanski
Supervisors: Prof. Adam Hendricks (Bioengineering) and Prof. Gary Brouhard (Biology)

10:20 - 10:40 AM  Dynamic crosslinking of the actin cytoskeleton governs intracellular mechanics
Loïc Chaubet
Supervisor: Prof. Adam Hendricks

10:40 - 11:00 AM  Nanosurface Microfluidic Device for Efficient Capturing of Bacteria
Tamer AbdElSalam AbdElFatah
Supervisor: Prof. Sara Mahshid

11:00 - 11:20 AM  Protein adsorption data and analysis
Prasad Jarayam Shetty
Supervisor: Prof. Dan V. Nicolau

11:20 - 11:40 AM  Characterization of bone phenotype in mice with G6b-B receptor knock-out
Mariya Stavnichuk
Supervisor: Prof. Svetlana Komarova

Lunch break with guest speaker - Duff 507-509
12:00 - 1:00 PM

Afternoon session - Duff Amphitheatre
1:00 - 3:00 PM

1:00 - 2:00 PM  Gene networks and drug resistance: breakthroughs using novel model systems
Dr. Daniel Charlebois
Laufer Center for Physical and Quantitative Biology, Stony Brook University, NY

2:20 - 2:40 PM  Connectomics of Brain Demyelination in Multiple Sclerosis
Forest Liu
Supervisor: Prof. David Rudko

2:40 - 3:00 PM  Automating Insulin Dose Adjustments for the Artificial Pancreas
Emilie Palisaitis
Supervisor: Prof. Ahmad Haidar