Bioinformatics & Computational Biology

POSTER SESSION, 9:30am to 11:30am
Campus Center, Odeum

Using Protein Interaction Modeling to Understand Exocyst Assembly and Tethering Dynamics in Exocytosis
Chloe Byrne
Advisor: Luis Vidali

Simulating Intestinal Microbiotic Interactions with Agent Based Modeling
David Datta
Advisor: Liz Ryder, Reeta Rao

Defining the Role of RIC-8 in Neuronal Heat Shock Response
Adam LaBombard
Advisors: Inna Nechipurenko, Liz Ryder

Analysis of Metrowest Student Mental Health Data
Wesley Lo
Advisors: Ben Nephew, Dmitry Korkin

Investigating the Epigenetic Basis for Disease Tolerance Using scRNAseq Analysis of Influenza-Infected Mouse Lung Cells
Emmaline Raven
Advisor: Jeremy Luban (UMMS), Liz Ryder

Expanding the Beecology Project's Data Analysis Capabilities for Butterfly Observations
Sophia Strano
Advisor: Carolina Ruiz, Liz Ryder