

Molecular & Cellular Biosciences Fall 2019 Symposium

Saturday, December 7, 2019

9:00AM – 3:00PM

Science Hall, Room 126

PROGRAM SCHEDULE

- 9:00 – 9:30 **Coffee**
- 9:30 – 9:50 **The Soto-Reyes Lab: Pathological Changes in Microglia during Cerebellar Postnatal Development in a Mouse Model of Niemann Pick Type-C Disease**
Bridget Boyle, Zachary Padron, Fawad Yousufzai, Ruth Altreche, Sierra Melli
- 10:00 – 10:20 **The Iftode Lab: The Cell-Cycle Progression and the Differentiation Fate of Adipose Derived Stem Cells**
Srishti Dhar, Lucia Adriaenssens, Britni Covington
- 10:30 – 10:50 **The Krummenacher Lab: Characterizing Antiviral Drugs in Vitro and in Human Cells**
Sydney Gould
- 11:00 – 11:20 **The Alpaugh Lab: Exosomes: From Biogenesis to Pathogenesis**
Samuel Ricci
- 11:30 – 12:25 **Poster Session / Light Refreshments**
- 12:30 – 12:50 **The Keck Lab: Identifying New Medications to Treat Alcohol Use Disorder**
Sarah Uribe
- 1:00 – 1:20 **The Chen Lab: Multiplexed Capture of Spatial Configuration and Temporal Dynamics of Locus-Specific 3D Chromatin Structure**
Yong Chen, PhD
- 1:30 – 1:50 **The Carone Lab: Improving Drug Efficacy with the Combinatorial Effects of Ionic Liquids and Antibiotics**
Daniel Yang, Nicholas Paterna, Phillip Trieu
- 2:00 – 2:20 **The Nucci Lab: Applications of Nanobubbles to Problems in Biophysics and Biotechnology**
Nathaniel V. Nucci, PhD, Jacob Zangaro, Alyssa Sanders, Nakoa Webber, Sierra Dutko, Allison Specht
- 2:30 – 3:30 **The Wu Lab: Computer Aided Drug Design for Immunotherapy and Anti-Hepatitis B Virus**
Chun Wu, PhD, Stefi Lao, Jacob Papp, Sekou Bayo, Gibert Ebenezer Fleisher

Thank you to the students and faculty mentors without whose efforts and dedication this event would not be possible.