



End of Year Retreat

Agenda

May 4, 2019

CSU - Scott Bioengineering Bldg

- 9:00 a.m. Registration w/ *Light Continental Breakfast*
- 9:30 a.m. Tom Chen & Michael Kirby
GAUSSI Updates
- 10:00 a.m. Tom Santangelo
RNA modifications in the extremes
- 10:30 a.m. *Break*
- 10:45 a.m. Chuck Henry
- 11:15 a.m. Pankaj Trivedi
- 11:45 a.m. Lunch, *provided*
- 12:30 p.m. Marcela Henao-Tamayo & Brooke Anderson
- 1:00 p.m. Dan Sloan
Detecting de novo mutations with high-fidelity DNA sequencing
- 1:30 p.m. Poster Session – Group One
- 2:00 p.m. Poster Session – Group Two

May 4th Poster Schedule

First Name	Last Name	Poster Title	Round
Caleb	Begly	Multi-Channel Impedance Sensing System	1
Daniel	Dean	Effects of Climate Change on the Forest Soil Microbiome: Insights from the B4WarmED Research Project	1
Bridget	Eklund	Microbes in the Mucosa: Interactions between A Probiotic Lactobacillus Vaccine Vector and the Host's Microbiome	1
Amy	Fox	Unsupervised Flow Cytometry Clustering Analysis Elucidates Correlation Between Memory Immune Populations And Persistence Of BCG In Different	1
Daniel	Jonas	Dynamic Modeling of Tolerance to Disease	1
Steven	Lakin	Statistical Supercomputing Improves Microbiome Classification and Estimation of Microbial Diversity	1
Sarah	Morton	Tissue-specific effects of sleep and circadian disruption	1
Dylan	Parker	Mechanisms of RNA localization in C. elegans embryogenesis	1
Luke	Schwerdtfeger	MICROFLUIDIC ORGANOTYPIC SYSTEM FOR THE ANALYSIS OF INTESTINAL TISSUE EX VIVO	1
Alec	Richardson	MICROFLUIDIC ORGANOTYPIC SYSTEM FOR THE ANALYSIS OF INTESTINAL TISSUE EX VIVO	1
Michael	Siegel	Smart Bio-Analysis Chamber	1
Gus	Waneka	Use of High Fidelity Sequencing to Characterize the Mutation Spectrum of Mitochondrial DNA	1
Jessica	WARREN	Improved sequencing methods to detect tRNA localization	1
Lindsay	Winkenbach	The role of P granules in post-transcriptional regulation of the early C. elegans embryo	1
Aeriel	Belk	Building a microbial model to estimate the postmortem interval using data collected during the spring season at three anthropological facilities	2
Soham	Chanda	Modeling Valproate-Induced Developmental Toxicity with Reprogrammed Human Neurons	2
charlotte	cialek	Visualizing Real Time Gene Expression silencing by the Argonaute/microRNA pathway	2
Heather	Deel	Microbial clues in decomposing human bones: a new forensic tool	2
Lyndsey	Gray	A Prospective Study: The Effect of Ivermectin on the Population Genetic Structure of Anopheles gambiae	2
Michael	May	Nonlinear Multicell Control Using Optogenetic Controllers	2
Alyssa	Melvin	A novel approach to address biocompatibility in blood-contacting glucose biosensors	2
Dayton	Pierce	The Phosphatase PTP-3 Regulates Transport of AMPARs in the Nematode C. elegans	2
Josue	Rodriguez-Ramos	More than Meets the Eye: Microbial Communities and their Viral Predators Govern Carbon and Nitrogen Transformations in the Hyporheic Zone	2
Julius	Stuart	Advancements in Sensing and Surveillance Applications for Protein Crystals	2
Breanna	Wenck	An archaeal transcription termination factor	2
Sere	Williams	A Transcription Factor Implicated in Abiotic Stress Response in Rice	2
Carol	Wilusz	CSU Core Facilities	2