

Annual Research Day - April 19th, 2023, Platform Presentations, PHAB Classroom 2A

	Presenter	Advisor	Department	Classification	Title
2:00 PM	Jordi Chanovas Colome	Juan Marcos Alarcon	Pathology	Neural & Behavioral Science	Antibiotic-induced gut microbiota depletion targets the ability to solve spatial tasks of different cognitive loads
2:15 PM	Rachel Furhang	Peter Bergold	Physiology and Pharmacology	Neural & Behavioral Science	Impact of Tau Isoform Expression on Memory and Phosphorylated Tau Accumulation after Traumatic Brain Injury
2:30 PM	Erica Griffith	William Lytton	Molecular and Cellular Biology	Neural & Behavioral Science	Data-driven Multiscale Model of Macaque Auditory Thalamocortical Circuits Reproduces In Vivo Dynamics
2:45 PM	Mulin He	Xian-cheng Jiang	Cell Biology	Molecular & Cellular Biology	Adipose tissue phosphatidylcholine remodeling modulates insulin signaling
3:00 PM	Craig Kelley	William Lytton	Physiology & Pharmacology	Biomedical Engineering	Simulation of neuronal phase response demonstrates nonstationarity with different phase shifts for excitation and inhibition
3:15 PM	Riley Morrone	Peter Bergold	Physiology and Pharmacology	Neural & Behavioral Science	Heterogeneity of chronic gray matter atrophy and spatial navigation following closed head injury
3:30 PM	Aditi Naik	Sabina Hrabetova	Cell Biology	Neural & Behavioral Science	Enzymatic Removal of Hyaluronan Slows Down Extracellular Diffusion of Molecules With Physiologically Relevant Sizes in Mouse Brain
3:45 PM	Sofia Tortora	Laura Martello-Rooney	Gastroenterology and Hepatology	Molecular & Cellular Biology	Oral/gut microbiome and inflammatory markers in African American colon cancer patients
4:00 PM	Isaac Vingan	Juan Marcos Alarcon	Pathology	Neural & Behavioral Science	Mapping Spatial Memory Associated Gene Expression Profiles Across the Sub-regions of the Mouse Hippocampus