NRSA T32 Kirschstein Scholars

Featuring the Biology of Aging and Age-Related Diseases, Metabolism and Nutrition, Endocrinology and Reproductive Physiology, Molecular and Cellular Pharmacology Training Program

May 19, 2021 1:00-4:00pm Join meeting

Zoom Meeting ID: 973 0106 2970  Meeting password: 911733

1:00pm – Welcome!

1:05  Longitudinal antibody profiles in SARS-CoV-2 convalescent serum
     Maya Amjadi – Department of Medicine

1:20  Unraveling mitochondrial respiratory complex I assembly through complexome profiling
     Andrew Sung – Biomolecular Chemistry

1:25  Maternal sleep disordered breathing during pregnancy is a previously unrecognized facilitator of autism-relevant neuronal and behavioral aberrations in the offspring
     Amanda Vanderplow – Comparative Biosciences

1:40  Integrating subclonal response heterogeneity to define cancer organoid sensitivity
     Jeremy Kratz, MD – Department of Medicine

1:45  Adiponectin receptor activation impacts skeletal muscle aging in mice
     Katie Osterbauer – Nutritional Sciences

2:00  Investigating the roles of brain-derived neurotrophic factor, cardiorespiratory fitness, and sleep in preclinical Alzheimer’s disease
     Kyle Edmunds, PhD – Department of Medicine

2:05  Geriatric mice are leaner and have improved glucose tolerance after dietary isoleucine restriction
     Yang Yeh, PhD – Department of Medicine

2:20  ATase inhibition resolves age-associated proteotoxicity of the secretory pathway
     Maeghan Murie-Mazariegos – Department of Medicine

2:25  15-Minute Break

2:40  Aggresome mediated neural stem cell activation
     Chris Morrow – Neuroscience

2:55  Anthocyanin and Lycopene Contents do not Affect Beta-Carotene Bioefficacy from Multicolored Carrots (Daucus carota L.) in Male Mongolian Gerbils
     Kayla Kaeppler – Nutritional Sciences

3:00  Investigating the function of GPR132 (G2A) in wound healing and infection
     Taylor Schoen – Medical Microbiology & Immunology

3:15  Peripartal sertraline’s effects on maternal and fetal bone health
     Celeste Sheftel – Nutritional Sciences

3:20  Associations of amyloid, tau, and neurodegeneration cerebrospinal fluid biomarkers and longitudinal cognitive decline in preclinical Alzheimer’s disease
     Karly Cody – Department of Medicine

3:35  Heightened GIP responsiveness in aged alpha-cells
     Hannah Foster, PhD – Department of Medicine

3:40  Erythrocytes as a biomarker source for Alzheimer’s disease
     Jericha Mill – Chemistry

3:55  Closing Remarks