



MICHIGAN MEDICINE
UNIVERSITY OF MICHIGAN

Virtual Geriatrics Center Research Symposium

Via Zoom (see link below)

<https://umich.zoom.us/j/95013030179?pwd=a1F6cXJaYlpXbXRwamVWeHl6MGtndz09>

Monday, May 3rd 2021; 9:00am to 12:00pm

- 9:00– 10:00** **Internal Speaker Presentations** *Each talk will be 10 – 12 minutes, with 3 – 5 minutes for questions.*
- 9:00-9:15:** **Mirella Hernandez**, Matthias Truttmann Lab, Neuroscience Graduate Program
C. elegans corpses are not very funny-they're dead serious
- 9:15-9:30:** **John Mills, MD** Assistant Professor of Medicine, Division of Infectious Diseases, Associate Hospital Epidemiologist, University of Michigan Health System
Redefining Infection Prevention and Optimizing Antibiotic Management in Older Adults During Care Transitions
- 9:30-9:45:** **Chun-Seok Cho, PhD** Dr. Jun Hee Lee's Lab. Department of Molecular and Integrative Physiology, University of Michigan Medicine
Sestrins mediate leucine-induced activation of AMPK
- 9:45-10:00:** **Nadia Sutton, MD, MPH** Assistant Professor, Division of Cardiovascular Medicine, Dept. of Internal Medicine, Michigan Medicine, Ann Arbor, MI
Andre Montiero da Rocha, DVM PhD Research Investigator, CVC Regeneration Core, Division of Cardiovascular Medicine, Dept. of Internal Medicine, Michigan Medicine, Ann Arbor, MI
Repurposing peripheral mononuclear cells from older patients to future clinical applications
- 10:00 – 10:10** **Brief break**
- 10:10 – 10:20** **Introduction of Dr. Adam Antebi, Director of Max Planck Institute for Biology of Ageing**
- 10:20 – 11:20** **Keynote lecture**
Dr. Adam Antebi
“Convergent Mechanisms of Longevity”
Director of Max Planck Institute for Biology of Ageing

11:20 – 11:40 Virtual Poster Session I via breakout rooms
Angela Tuckowski, Scott Leiser Lab- *Investigating the roles of fmo-4 downstream of fmo-2 in C. elegans longevity*
Abdul Soofi, Department of Pathology, *REGULATION OF OVIDUCT HOMEOSTASIS AND FERTILITY BY Pax2 AND Pax8 GENES*
Jer-En Hsu, Jun Hee Lee Lab, *Age-dependent alterations of spatial transcriptome and microbiome in gut-liver axis*
Surinder Kumar, Dave Lombard Lab - *Elucidating mechanisms of BETi- and HDACi-mediated rescue of cellular cadmium toxicity*
Mary Skinner (presented by Angela Guo), Dave Lombard Lab - *Menin inhibition as a therapeutic target in melanoma*
Billy Giblin, Dave Lombard Lab - *Age-Associated Epigenetic Dysregulation in Mouse Heart*
Allyson Munneke, Scott Pletcher Lab - *The serotonin receptor 5-HT2A mediates nutrient-specific longevity in Drosophila*
Ben Abdon, Ling Qi Lab - *Defining the role of endoplasmic reticulum associated degradation (ERAD) in muscle energy metabolism and mitochondrial function.*

11:40 – 12:00 Virtual Poster Session II via breakout rooms
Nicholas Urban, Matthias Truttman Lab - *A Meta-Analytical Approach to Explaining Deviation in C. elegans N2 Lifespan*
Shannon Lacy, Matthias Truttman Lab - *Investigating the Role of HSC70 AMPylation on Nuclear Localization and Chaperone Function*
Angela Guo, Dave Lombard Lab - *SIRT5 protects against pressure overload-induced heart failure via suppression of cardiac fibrosis*
Eleni Gourgou, Assistant Research Scientist, Mechanical Engineering Department, College of Engineering, and Institute of Gerontology, Medical School. - *C. elegans maze learning through the prism of aging*
Hillary Warrington, Scott Leiser Lab - *Serotonin and dopamine modulate aging in response to food perception and availability*
Shijiao Huang, Scott Leiser Lab- *Dietary Restriction mimetic drugs block food perception and induce FMO, a conserved regulator of stress response and metabolism*
Kate Van Pelt, Matthias Truttman Lab - *Loss of FIC-1-mediated AMPylation enhances proteostasis stress tolerance and survival in C. elegans models of polyglutamine disease*
Ahmed Mostafa, Dave Lombard Lab - *Identifying Mechanisms of Longevity Regulation by the PAPP Protease*
Ejaz Ahmad, Zaneta Nikolovska-Coleska Lab - *Discovery of the first small-molecule inhibitors targeting Pregnancy-Associated Plasma Protein-A (PAPP-A)*