



MADISON SCHOLARS SYMPOSIUM PROGRAM

Biomedical Research on the UW Campus

Featuring the Biology of Aging and Age Related Diseases Training Grant, Endocrinology and Reproductive Physiology Training Grant, Metabolism and Nutrition Training Program, & Neuroscience Training Program

June 11, 2020 1:00-4:00pm [Join meeting](#)

Webex meeting number (access code): 194 321 788 Meeting password: MSS2020 (6772020 from phones)

1:00pm – Welcome!

Rozalyn Anderson, PhD Associate Professor of Medicine

- 1:10 ***Mediterranean diet patterns and central retinal subfield thickness predict macular pigment optical density in the Carotenoids in Age-Related Eye Disease Study***
Thomas Lawler – Nutritional Sciences
- 1:15 ***Loss of the antimicrobial peptide Metchnikowin protects against traumatic brain injury outcomes in Drosophila melanogaster***
Laura Swanson – Medical Genetics
- 1:30 ***Investigating longevity factors as targets of antifungal development***
Taylor Schoen – Medical Microbiology & Immunology
- 1:35 ***Whole body Tcf19 knockout mouse islets have increased stress-related gene expression and reduced proliferative capacity***
Joseph Blumer – Department of Medicine
- 1:50 ***Metabolism as a Target for Age-related Muscle Mass and Functional Loss***
Anne Schaar, PhD – Department of Medicine
- 1:55 ***Probing the mechanisms of respiratory complex I assembly factors through complexome profiling***
Andrew Sung – Biochemistry
- 2:10 ***Associations of lifestyle risk, β -amyloid, and cognition: a longitudinal study from the Wisconsin Registry for Alzheimer's Prevention***
Karly Cody – Department of Medicine
- 2:15 ***Kir7.1 Disease Mutation Demonstrates Dynamics of Inner Channel Pore***
Katie Beverly – Department of Medicine
- 2:30 ***Dose Escalation Strategies in Cancer Organoids for Clinical Translation***
Jeremy Kratz, MD – Department of Medicine
- 2:35 ***Anthocyanin and Lycopene Content Do Not Affect Beta-Carotene Bioefficacy From Multicolored Carrots in Male Mongolian Gerbils***
Kayla Kaeppler – Nutritional Sciences
- 2:50 ***AT-1/SLC33A1 in aging and age-associated disease vulnerability***
Maeghan Murie-Mazariegos – Department of Medicine
- 2:55 ***Zfp148 regulates a transcriptional network suppressing insulin secretion***
Chris Emfinger, PhD – Biochemistry
- 3:10 ***Examining the impact of aging on islet α -cells***
Hannah Foster, PhD – Department of Medicine

Closing Remarks