

UW Nathan Shock Center Geroscience Symposium

Hybrid Event: Orin Smith Auditorium, UW Medicine - South Lake Union and/or Zoom Webinar

Date: October 1st, 2021 | 8:00 AM - 3:30 PM PDT

Speaker	Time	Title
	8:00 - 8:05	Welcome and logistics - Matt Kaeberlein and organizers
Keynote Address		
Chris Sell	8:05 - 9:05	Molecular insights into the longevity enhancing effects of mTOR inhibition
	9:05 - 9:15	Coffee Break
Omics and Interventions in Geroscience Research		
Michael Kiflezghi	9:15 - 9:35	Pterostilbene: Friend, Foe, or Frenemy?
Kelley Harris	9:35 - 9:55	A natural mutator locus affecting germline mutagenesis in wild and laboratory mice
Mitchell Lee	9:55 - 10:15	Pharmacogenomic predictors of rapamycin response in natural populations
	10:15 - 10:30	Coffee Break
Kristine Tsantilas	10:30 - 10:50	Seeking a conserved signature of aging using interspecies targeted mass spectrometry
Ben Blue	10:50 - 11:10	Advancing intervention screening in <i>C. elegans</i> through artificial intelligence and robotics
Kimberly Alonge	11:10 - 11:30	Age-related changes in hippocampal perineuronal net sulfation patterns
	11:30 - 1:00	Lunch
Metabolism and Brain Aging		
Kira Evitts	1:00 - 1:20	Modeling amyloid beta peptide (Aβ) induced vascular dysfunction in engineered cerebral microvessels
Aakanksha Singhvi	1:20 - 1:40	Molecular mechanisms of glial functions in health and aging
Jessica Young	1:40 - 2:00	Understanding age-related neurodegeneration using human stem cell models
	2:00 - 2:20	Coffee break
Heidi Pak	2:20 - 2:40	Time-of-day dependent response to insulin signaling in calorie restricted mice
Elizabeth Rhea	2:40 - 3:00	CNS insulin in Alzheimer's disease
Sarah Ocañas	3:00 - 3:20	Sex differences in microglial transcriptomic responses to aging and Alzheimer's disease pathology
	3:20 - 3:30	Closing remarks

Register for free: https://washington.zoom.us/webinar/register/WN_J33_kLEcTkqgMLYSomeVIA

