



Impacts of Sleep and Circadian Biology on Alzheimer's Disease and Aging

October 17 – 20, 2022 | Virtual | All times are listed in EDT

Virtual registrants can access Canvas to find Zoom links for live-streamed lectures and recordings. Recordings will be posted on Canvas within 72 hours of airing and available for two months following the course.

Join the Q+A at www.slido.com using #sleep or by scanning the QR code:



Monday, October 17 - All times are listed in EDT

7:45 – 8:00 AM	<i>Announcements</i>
8:00 – 9:00 AM	Keynote Lecture Nocturnin: At the Crossroads of Clocks and Metabolism Carla Green, Ph.D., <i>UT Southwestern Medical Center</i>
9:00 – 10:00 AM	Influence of Circadian Clocks on Neurodegeneration Erik Musiek, M.D., Ph.D., <i>Washington University School of Medicine</i> <i>*Presenting Remotely</i>
10:00 – 10:15 AM	<i>Break</i>
10:15 – 11:15 AM	Advanced Mouse Populations Gary Churchill, Ph.D., <i>The Jackson Laboratory</i>
11:15 AM – 12:15 PM	Sex, Clocks & Obesity Jason DeBruyne, Ph.D., <i>Morehouse School of Medicine</i>

Tuesday, October 18 - All times are listed in EDT

7:45 – 8:00 AM	<i>Announcements</i>
8:00 – 9:00 AM	Keynote Lecture Aligning New Mouse Models of Alzheimer's Disease with Human Studies Gregory Carter, Ph.D., <i>The Jackson Laboratory</i>
9:00 – 10:00 AM	The Model-AD Consortium: Creating Improved Preclinical Models for LOAD Gareth Howell, Ph.D., <i>The Jackson Laboratory</i>
10:00 – 10:15 AM	<i>Break</i>
10:15 – 11:15 AM	Variant-to-Gene Mapping for Common Complex Traits Struan Grant, Ph.D., <i>Children's Hospital of Philadelphia</i>
11:15 AM – 12:15 PM	The Human SLEEP Puzzle: Genes, Molecules and Circuits Ying-Hui Fu, Ph.D., <i>University of California, San Francisco</i> <i>*Presenting Remotely</i>

Wednesday, October 19 - All times are listed in EDT

7:45 – 8:00 AM	<i>Announcements</i>
8:00 – 9:00 AM	Keynote Lecture Metabolic Pathologies of Sleep and Circadian Disruption Joseph Bass, M.D., Ph.D., <i>Northwestern University</i>
9:00 – 10:00 AM	Mitochondria and Metabolism in Alzheimer's Disease Russell Swerdlow, M.D., <i>University of Kansas Medical Center</i>
10:00 – 10:15 AM	<i>Break</i>
10:15 – 11:15 AM	Lifespan Extension by Caloric Restriction Depends on Circadian Alignment of Feeding Time Joseph Takahashi, Ph.D., <i>UT Southwestern Medical Center</i>
11:15 AM – 12:15 PM	Midlife Transitions in Brain Metabolism and Sleep – Setting the Prodromal Stage of Alzheimer's Roberta Brinton, Ph.D., <i>University of Arizona</i> <i>*Presenting Remotely</i>

Thursday, October 20 - All times are listed in EDT

7:45 – 8:00 AM	<i>Announcements</i>
8:00 – 9:00 AM	Keynote Lecture Bi-Directional Relationship Between Sleep and Alzheimer's Disease Pathology David Holtzman, M.D., <i>Washington University in St. Louis</i>
9:00 – 10:00 AM	Alzheimer's Disease-Related Sleep Loss and the Transition to Dementia Kristen O'Connell, Ph.D., <i>The Jackson Laboratory</i>
10:00 – 10:15 AM	<i>Break</i>
10:15 – 11:15 AM	The Impact of Sleep on Immunological Aging and Chronic Disease Cameron McAlpine, Ph.D., <i>Icahn School of Medicine at Mount Sinai</i>
11:15 AM – 12:15 PM	A New Wrap For Myelin: The Role of Oligodendroglia in Sleep Erin Gibson, Ph.D., <i>University of Stanford</i>
