
Impacts of Sleep and Circadian Biology on Alzheimer's Disease and Aging Virtual Schedule October 25 – 28, 2021

All times are listed in EDT. Schedule is subject to change.

Monday, October 25th

- 8:00 – 8:45 am **Keynote Lecture: Molecular Mechanism of the Circadian Clock**
Joseph Takahashi, Ph.D., *UT Southwestern*
- 8:45 – 9:30 am **A Mechanism for Sleep Fragmentation During Aging**
Luis de Lecea, Ph.D., *Stanford University*
- 9:30 – 9:45 am **Break**
- 9:45 – 10:30 am **Advanced Mouse Populations**
Gary Churchill, Ph.D., *The Jackson Laboratory*
- 10:30 – 11:15am **GWAS for Chronotype and Sleep Traits**
Richa Saxena, Ph.D., *Massachusetts General Hospital*
- 11:15 am – 12:00 pm **Genetics of Human Circadian Variation**
Louis Ptacek, M.D., *University of California, San Francisco*

Tuesday, October 26th

- 8:00 – 8:45 am **Influence of Circadian Clocks on Neurodegeneration**
Erik Musiek, M.D., Ph.D., *Washington University School of Medicine in St. Louis*
- 8:45 – 9:30 am **Genetics of Alzheimer's Disease: Toward Aa Mechanistic Understanding of Disease**
Alison Goate, D.Phil., *Icahn School of Medicine at Mount Sinai*
- 9:30 – 9:45 am **Break**
- 9:45 – 10:30 am **Aligning New Mouse Models of Alzheimer's Disease with Human Studies**
Gregory Carter, Ph.D., *The Jackson Laboratory*
- 10:30 – 11:15am **The MODEL-AD Consortium: Creating Improved Preclinical Models for LOAD**
Gareth Howell, Ph.D., *The Jackson Laboratory*



11:15 am – 12:00 pm **Modeling Sleep Disruption in Genetically Diverse AD Mouse Models**
Catherine Cook Kaczorowski, Ph.D., *The Jackson Laboratory*

Wednesday, October 27th

8:00 – 8:45 am **Keynote Lecture: Systems Genetics of Sleep**
Paul Franken, Ph.D., *Universite de Lausanne*

8:45 – 9:30 am **Tools to Decipher Biology at Single Cell Resolution**
Paul Robson, Ph.D., *The Jackson Laboratory*

9:30 – 9:45 am **Break**

9:45 – 10:30 am **Single-Cell Approaches to Identify Reproducible Cell Type Changes in AD**
Vilas Menon, Ph.D., *Columbia University Irving Medical Center*

10:30 – 11:15am **Insights from Clock Genomics**
John Hogenesch, Ph.D., *Cincinnati Children's Hospital*

11:15 am – 12:00 pm **Mining Multi-omics Data for Mechanistic Clues about Clocks and Sleep**
Steve Brown, Ph.D., *University of Zurich*

Thursday, October 28th

8:00 – 8:45 am **Lecture**
Ann Justice, MA, Ph.D., *Geisinger*