



The Jackson  
Laboratory

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

October 16 – 21, 2022 | Bar Harbor, Maine

*\*All times are listed in EDT*

### Sunday, October 16

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2:00 – 4:00 PM	<i>Check-In and Registration – Highseas Conference Center</i>
4:00 – 5:00 PM	<i>Happy Hour</i>
5:00 – 6:00 PM	<i>Dinner</i>
6:00 – 8:30 PM	<b>Poster Session</b>

### Monday, October 17

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7:00 – 7:45 AM	<i>Breakfast</i>
7:45 – 8:00 AM	<i>Announcements</i>
8:00 – 9:00 AM	<b>Keynote Lecture</b> <i>Carla Green, Ph.D., UT Southwestern Medical Center</i>
9:00 – 10:00 AM	<b>Influence of Circadian Clocks on Neurodegeneration</b> <i>Erik Musiek, M.D., Ph.D., Washington University School of Medicine</i> <i>*Presenting Remotely</i>
10:00 – 10:15 AM	<i>Break</i>
10:15 – 11:15 AM	<b>Advanced Mouse Populations</b> <i>Gary Churchill, Ph.D., The Jackson Laboratory</i>
11:15 AM – 12:15 PM	TBD
12:15 – 1:00 PM	<i>Lunch with assigned groups</i>
1:00 – 3:00 PM	<i>Instructor-led activities with assigned groups</i>
3:00 – 6:00 PM	<b>WORKSHOP: Metabolic Phenotyping in the Mouse</b> <i>Owen McGuinness, Ph.D., Vanderbilt University Medical Center</i> <i>Joe Bass, M.D., Ph.D., Northwestern University</i>
6:00 – 7:00 PM	<i>Dinner</i>

7:00 – 8:30 PM      **Evening Discussion**  
Joseph Takahashi, Ph.D., *UT Southwestern Medical Center*

## **Tuesday, October 18**

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7:00 – 7:45 AM      *Breakfast*

7:45 – 8:00 AM      *Announcements*

8:00 – 9:00 AM      **Keynote Lecture**  
**Aligning New Mouse Models of Alzheimer’s Disease with Human Studies**  
Gregory Carter, Ph.D., *The Jackson Laboratory*

9:00 – 10:00 AM    **The Model-AD Consortium: Creating Improved Preclinical Models for LOAD**  
Gareth Howell, Ph.D., *The Jackson Laboratory*

10:00 – 10:15 AM    *Break*

10:15 – 11:15 AM    Struan Grant, Ph.D., *Children’s Hospital of Philadelphia*

11:15 AM – 12:15 PM Ying-Hui Fu, Ph.D., *University of California, San Francisco*

12:15 – 1:00 PM      *Lunch with assigned groups*

1:00 – 3:00 PM      *Instructor-led activities with assigned groups*

3:00 – 6:00 PM      **WORKSHOP: RNAseq**  
Vilas Menon, Ph.D., *Columbia University Irving Medical Center*  
Lucia Peixoto, Ph.D., *Washington State University*

6:00 – 7:00 PM      *Dinner*

7:00 – 8:30 PM      **Evening Discussion: Diversity in Sleep, Circadian and AD Fields**  
Gianluca Tosini, Ph.D., *Morehouse School of Medicine*  
Ketema Paul, Ph.D., *University of California, Los Angeles*

## **Wednesday, October 19**

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7:00 – 7:45 AM      *Breakfast*

7:45 – 8:00 AM      *Announcements*

8:00 – 9:00 AM      **Keynote Lecture**  
Joseph Bass, M.D., Ph.D., *Northwestern University*

9:00 – 10:00 AM    Russell Swerdlow, M.D., *KU Medical Center*

10:00 – 10:15 AM    *Break*

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10:15 – 11:15 AM	TBD
11:15 AM – 12:15 PM	Roberta Brinton, Ph.D., <i>University of Arizona</i> <i>*Presenting Remotely</i>
12:15 – 1:00 PM	<i>Lunch with assigned groups</i>
1:00 – 3:00 PM	<i>Instructor-led activities with assigned groups</i>
3:00 – 6:00 PM	<b>WORKSHOP: Sleep and Circadian Data Analysis</b> Ketema Paul, Ph.D., <i>University of California, Los Angeles</i> Kenneth Wright, Ph.D., <i>University of Colorado Boulder</i>
6:00 – 7:00 PM	<i>Dinner</i>
7:00 – 8:30 PM	<b>Evening Discussion</b>

## Thursday, October 20

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7:00 – 7:45 AM	<i>Breakfast</i>
7:45 – 8:00 AM	<i>Announcements</i>
8:00 – 9:00 AM	<b>Keynote Lecture</b> David Holtzman, M.D., <i>Washington University in St. Louis</i>
9:00 – 10:00 AM	Kristen O'Connell, Ph.D., <i>The Jackson Laboratory</i>
10:00 – 10:15 AM	<i>Break</i>
10:15 – 11:15 AM	<b>Modeling Sleep Disruption in Genetically Diverse AD Mouse Models</b> Catherine Kaczorowski, Ph.D., <i>The Jackson Laboratory</i>
11:15 AM – 12:15 PM	TBD
12:15 – 1:00 PM	<i>Lunch with assigned groups</i>
1:00 – 3:00 PM	<i>Instructor-led activities with assigned groups</i>
3:00 – 6:00 PM	<b>WORKSHOP: Single Cell and Spatial Data Analysis</b> Paul Robson, Ph.D., <i>The Jackson Laboratory</i>
6:00 – 7:00 PM	<i>Dinner</i>
7:00 – 8:30 PM	<b>Evening Discussion</b>

## Friday, October 21

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7:00 – 9:00 AM	<i>Grab-and-go breakfast</i>
9:00 AM	<i>Highseas Check-Out</i>

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