

# Program Agenda

## Day-1: Healthy Aging and Longevity

### 8:30 – 9:00 Breakfast

<b>Session-1</b>	<b>Chair: Amir Zarrinpar, MD, CCB Co-Interim Director, UC San Diego</b>
9:00- 9:15	Welcome remarks
9:05-9:15	Opening message <b>John Carethers, MD, PhD, Vice Chancellor of Health Sciences, UC San Diego</b>
9:15- 9:45	<b>Victoria Acosta-Rodriguez, PhD, University of Texas Southwestern Medical Center</b> <i>Leveraging circadian physiology to promote healthier lifespan</i>
9:45-10:15	<b>Amandine Chaix, PhD, University of Utah</b> <i>Time to live healthier and longer: The tale of mice on Time-Restricted Feeding</i>

### Coffee break 10:15-10:30

<b>Session-2</b>	<b>Chair: Laura Van Rosmalen, PhD, Salk Institute of Biological Studies</b>
10:30-11:00	<b>Louise Ince, PhD, The University of Texas at Austin</b> <i>A tale of two timescales: impact of age and diurnal rhythms on neuroimmune signaling</i>
11:00-11:30	<b>Amita Sehgal, PhD, University of Pennsylvania, Perelman School of Medicine</b> <i>Trimming brain fat with sleep</i>
11:30-12:00	<b>Bruno Conti, PhD, San Diego Biomedical Research Institute</b> <i>Temperature and aging</i>

### Lunch break 12:00-1:00

<b>Session-3</b>	<b>Chair: Benjamin Smarr, PhD, UC San Diego</b>
1:00-1:30	<b>Terry Sejnowski, PhD, Salk Institute for Biological Studies</b> <i>Time scales in brains</i>
1:30-2:00	<b>Benjamin Smarr, PhD, UC San Diego</b> <i>Shining light into muddy water: data science reveals new challenges in studying real world human circadia</i>
2:00-2:30	<b>Diego Golombek, PhD, University de San Andres, Argentina</b> <i>(De)synchronization in the lab and in the real world: letting the data talk</i>

### Coffee break 2:30-2:45

<b>Session-4</b>	<b>Chair: Shaunak Deota, PhD, Salk Institute of Biological Studies</b>
2:45-3:15	<b>Anthony Molina, PhD, UC San Diego, Medicine and Nathan Shock Center Salk</b> <i>Mitochondrial bioenergetics and healthy aging</i>
3:15-3:45	<b>Madeline Scott, PhD, McClung lab, University of Pittsburgh</b> <i>Cell type specific transcript expression rhythms in the aging dorsolateral prefrontal cortex</i>
3:45-4:15	<b>Joe Takahashi, PhD, University of Texas Southwestern Medical Center</b> <i>Circadian clock regulation of longevity</i>
4:30-5:30	Poster session and Happy hour

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## Day-2: Circadian Disruption and Pathological Aging and Disease

### 8:30 – 9:00 Breakfast

<b>Session-1</b>	<b>Chair: Stu Brody, PhD, Professor Emeritus, UC San Diego</b>
9:00-9:30	<b>Roman Kondratov, PhD, Cleveland State University</b> <i>Circadian gating of hepatic fatty acid metabolism</i>
9:30-10:00	<b>Vikki Marie Weake, PhD, Purdue University</b> <i>Age-dependent histone methylation loss reshapes the rhythmic retina transcriptome</i>
10:00-10:30	<b>Erin Gibson, PhD, Stanford Medicine</b> <i>Temporal dynamics of oligodendroglial lineage cells in health and disease</i>

### Coffee break 10:30-10:45

<b>Session-2</b>	<b>Chair: Daniel Whittaker, PhD, UC San Diego</b>
10:45-11:15	<b>William Joiner, PhD, UC San Diego, School of Medicine</b> <i>A conserved pathway links sleep regulation to memory formation in an invertebrate model of Alzheimer's disease</i>
11:15-11:45	<b>William Todd, PhD, University of Wyoming</b> <i>A potential circuit for sundowning-related circadian disturbances in Alzheimer's disease model mice</i>
11:45-12:15	<b>Paula Desplats PhD, UC San Diego, School of Medicine</b> <i>Aging and the circadian clock: Unlocking the pathway to Neurodegeneration</i>

### Lunch break 12:15-1:30

12:15-1:30	Lunch with a Professor (trainees)
<b>Session-3</b>	<b>Chair: Geraldine Maier, PhD, Salk Institute for Biological Studies</b>
1:30-1:45	<b>Renny Ng, PhD Student, Su lab, UC San Diego</b> (abstract awardee from Fall Workshop) <i>Effects of day/light cycles on olfactory acuity and behavior</i>
	<b>Yotam Voskoboynik, PhD student, Sahoo lab, UC San Diego</b> (Abstract Awardee) <i>The ticking CLOCK, an aging study of a colonial chordate linking stem cell aging to molecular decline of circadian regulation</i>
2:00-2:15	<b>Rockelle Jang, PhD Student, Poe lab, UCLA, School of Medicine</b> <i>The order and chaos of regional sleep in the human brain: implications for health and disease</i>
2:15-2:45	<b>Sharon Naismith, PhD, The University of Sydney</b> <i>Sleep wake disturbance in Mild Cognitive Impairment: discovery and translation within the memory clinic</i>

### Coffee break 2:45-3:00

<b>Session-4</b>	<b>Chair: Paula Desplats, PhD, CCB Co-Interim Director, UC San Diego</b>
3:00-3:30	<b>Ellen E. Lee, MD, PhD, UC San Diego, School of Medicine</b> <i>Impact of rest-activity disturbances on cognitive, mental, and physical health among healthy and patient populations</i>
3:30-4:00	<b>Bryce Mander, PhD, UC Irvine, School of Medicine</b> <i>A role for hypoxemia during REM sleep in Alzheimer's disease risk and memory impairment</i>
4:00-4:10	Closing remarks. Announcements for 2026 Symposium

### 4:15 Happy Hour

### 6:00 Banquet & Award Ceremony for best posters

6:30-7:00	Special Lecture <b>Vera Gorbunova, PhD, University of Rochester</b> <i>Mechanisms of longevity: Lessons from long-lived mammals</i>
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Funding for this conference was made possible, in part, by Award 1R13AG092163-01 from National Institute of Aging. 'The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention by trade names, commercial practices, or organizations imply endorsement by the U.S. Government'.