

# 40<sup>th</sup> Annual MINS Neuroscience Symposium

## Wednesday, April 30, 2025, Smilow (Rubenstein Auditorium)

“Year of Sleep and Chronobiology”

8:00 - 9:00AM	<b>Continental Breakfast and Poster Set-up</b>
9:00 – 9:10AM	<b>Welcome and Introduction – John Dani and Matt Kayser</b>
9:10 – 10:10AM	<b>Sprague Lecture – Gina Turrigiano, PhD</b> <i>“Keeping your brain in balance: homeostatic tuning of network function”</i>
10:10 – 11:10AM	<b>Minisymposium I: <i>Sleep across the lifespan</i></b> <b>Chair:</b> Matt Kayser, MD, PhD
10:10 – 10:25AM	Li-Feng Jiang-Xie, PhD - <i>“The self-cleansing brain”</i>
10:25 – 10:40AM	Kyunghee Koh, PhD – <i>“Circadian Dysfunction in Drosophila models of C9orf72-ALS/FTD”</i>
10:40 – 10:55AM	Bryan De Galicia – <i>“The Intellectual Disability Gene HUWE1 regulates C. elegans sleep in sickness”</i>
10:55 – 11:10AM	Valerie Sydnor, PhD – <i>“Patterning and mechanisms of youth neurodevelopmental plasticity: Implications for sleep research”</i>
11:10 – 11:30AM	<b>Coffee Break</b>
11:30AM – 12:30PM	<b>Rising Star Introduction and Award Presentation – David Raizen, MD, PhD</b>  <b>Rising Star – Azahara Oliva, PhD</b> <i>“State-dependent memory processes during sleep”</i>
12:30 – 2:00PM	<b>Lunch and Poster Session</b>
2:00 – 2:45PM	<b>Minisymposium II: <i>Neurobiology of brain and body clocks</i></b> <b>Chair:</b> Ron Anafi, MD, PhD
2:00 – 2:15PM	Akhilesh Reddy, MD, PhD – <i>“Metabolic Cogs in the Circadian Clockwork”</i>
2:15 – 2:30PM	Shaon Sengupta, MD, MPH, FAAP – <i>“Out of Sync, out of luck: Circadian cues in the fight against influenza infection”</i>
2:30 – 2:45PM	Rebecca Moore, PhD – <i>“Transgenerational inheritance of inverted memory”</i>
2:45 – 3:30PM	<b>Minisymposium III: <i>Consciousness, perception, and plasticity</i></b> <b>Chair:</b> Jennifer Goldschmied, PhD
2:45 – 3:00PM	Anna Schapiro, PhD – <i>“Sleep for memory transformation and integration”</i>
3:00 – 3:15PM	Jani Bilchak, PhD – <i>“Connecting Sleep and Sensory Deficits in Drosophila Models Of Neurodevelopmental Disorders”</i>
3:15 – 3:30PM	Alex Proekt, MD, PhD – <i>“Prefrontal cortex pyramidal neurons promote slow wave sleep and potentiate anesthetic effects”</i>
3:30 – 4:00PM	<b>Coffee Break and Posters</b>
4:00 – 5:00PM	<b>Adler Lecture – Masashi Yanagisawa, MD, PhD</b> <i>“Deciphering the mysteries of sleep: toward the molecular substrate for “sleepiness””</i>
5:00 – 6:00PM	<b>Reception</b>