

The 14th Annual WPI-IIIIS Symposium

~Science of Behaving and Sleeping Brains~

Timetable

Date: December 1st (Mon.), 2025
1F Hall, IIIIS Building, University of Tsukuba

Opening			
8:30 - 8:45	Welcome Address	Masashi Yanagisawa	Director, WPI-IIIIS, University of Tsukuba
	Opening Address 1	Akira Ukawa	WPI Academy Director, JSPS
	Opening Address 2	Noriko Osumi	WPI Academy Officer, JSPS / Tohoku University
Session 1 Chair: Kaspar Vogt (WPI-IIIIS, University of Tsukuba)			
8:45 - 9:30	Temporal dynamics of oligodendroglia in health and disease	Erin Gibson	Stanford University, USA
9:30 - 10:15	Monoaminergic regulation of mammalian sleep dynamics – recent insights and next-level questions	Anita Lüthi	University of Lausanne, Switzerland
10:15 - 10:35	Break		
Session 2: Keynote Lecture Chair: Masashi Yanagisawa (WPI-IIIIS, University of Tsukuba)			
10:35 - 11:35	Deconstructing the serotonin system in the mouse brain	Liqun Luo	Stanford University, USA
11:35 - 11:55	Lunch Preparation / Break		
Session 3: Luncheon Lecture Chair: Yu Hayashi (WPI-IIIIS, University of Tsukuba / The University of Tokyo)			
11:55 - 12:40	Neurochemical and behavioral changes during NREM and REM sleep for learning in humans	Masako Tamaki	RIKEN CBS, Japan
12:40 - 13:25	Sleep and the heart-brain axis	Cameron McAlpine	Icahn School of Medicine at Mount Sinai, USA
13:25 - 13:50	Photo / Break		
Poster Session Chair: Michael Lazarus (WPI-IIIIS, University of Tsukuba)			
13:50 - 14:30	Data Blitz		
14:30 - 15:30	Poster Presentation		
Session 4 Chair: Shoi Shi (WPI-IIIIS, University of Tsukuba)			
15:30 - 16:15	Sleep, Dragons, CPGs	Lorenz Fenk	Max Planck Institute for Biological Intelligence, Germany
16:15 - 17:00	Genetic evidence for two independent sleep homeostats in zebrafish	Jason Rihel	University College London, UK
17:00 - 17:45	The evolution of social behaviors in nature and under domestication	Andrés Bendesky	Columbia University, USA
Closing			
17:45 - 17:50	Closing Remarks	Takeshi Sakurai	Vice Director, WPI-IIIIS, University of Tsukuba
Reception			
18:00 - 20:00	Reception		