

The 11th Annual WPI-IIS Symposium
 ~Deciphering the Mysteries of Instinctive Behaviors~

Time Table

Date: February 22nd (Wed.), 2023
 1F Hall, IIS Building, University of Tsukuba

Opening MC: Mayumi Kimura (WPI-IIS, University of Tsukuba)				
8:30 - 8:45	Welcome	Masashi Yanagisawa	Director, WPI-IIS, University of Tsukuba	
	Opening Address 1	Akira Ukawa	WPI Academy Director, JSPS	
	Opening Address 2	Noriko Osumi	WPI Academy Officer / Vice President, Tohoku University	
Session 1 Chair: Yu Hayashi (WPI-IIS, University of Tsukuba)				
8:45 - 9:25	The evolution of sleep loss in Mexican cavefish	Alex Keene	Texas A&M University	Page 4
9:25 - 10:05	Metabolic control of sleep	Anissa Kempf	University of Basel	Page 5
10:05 - 10:25	Break			
Session 2 Chair: Arisa Hirano (WPI-IIS, University of Tsukuba)				
10:25 - 11:05	Sleep and circadian rhythm disruption: from genes and environment to behaviour	Stuart Peirson	University of Oxford	Page 7
11:05 - 11:45	Hypothalamic neural circuit mechanism controlling female reproductive behaviors	Sayaka Inoue	Stanford University	Page 10
11:45 - 12:00	Lunch Preparation / Break			
Session 3 Chair: Kaspar Vogt (WPI-IIS, University of Tsukuba)				
12:00 - 12:40	Rapid eye movement sleep is initiated by basolateral amygdala dopamine signaling in mice	Emi Hasegawa	Kyoto University	Page 8
12:40 - 13:20	Midbrain circuits linking social stress and sleep	Xiao Yu	Chinese Academy of Sciences, Shanghai	Page 9
13:20 - 13:40	Photo / Break			
Poster Session Chair: Shoi Shi (WPI-IIS, University of Tsukuba)				
13:40- 14:00	Hot Topics 1	Shoi Shi	WPI-IIS, University of Tsukuba	Appendix
14:00- 14:20	Hot Topics 2	Ai Miyasaka	WPI-IIS, University of Tsukuba	Appendix
14:20- 14:55	Data Blitz			Appendix
14:55 - 16:00	Poster Presentation			Appendix
Session 4 Chair: Sakiko Honjoh (WPI-IIS, University of Tsukuba)				
16:00 - 16:40	The mechanisms and meaning of sleep homeostasis	Vladyslav Vyazovskiy	University of Oxford	Page 11
16:40 - 17:20	Towards cortex-wide volumetric recording of neuroactivity at cellular resolution	Alipasha Vaziri	The Rockefeller University	Page 12
17:20 - 18:00	A signaling pathway for transcriptional regulation of daily sleep amount in mice	Qinghua Liu	National Institute of Biological Sciences, Beijing	Page 13
18:00	Closing			