

2024 Senri Life Science International Symposium

“Science of Behaving and Sleeping Brains”

----- Program -----

10:30 - 10:35 Opening address

Shizuo Akira (President of Senri Life Science Foundation)

10:35 - 10:40 Complimentary address

Noriko Osumi (Vice President, Tohoku University)

Chair: Takeshi Sakurai (WPI-IIIIS, University of Tsukuba, Japan)

10:40 - 11:25

Talk 1 Deciphering the mysteries of sleep: toward the neuronal substrate for “sleepiness” ... 2

Masashi Yanagisawa (WPI-IIIIS, University of Tsukuba, Japan)

11:25 - 12:10

Talk 2 The human SLEEP puzzle: genes, molecules, and circuits 6

Ying-Hui Fu (University of California San Francisco, USA)

12:10 - 13:15

Lunch

13:15 - 14:00

Talk 3 Neural mechanisms that control hunger 8

Zachary Knight

(Howard Hughes Medical Institute, University of California San Francisco, USA)

Chair: Masashi Yanagisawa (WPI-IIIIS, University of Tsukuba, Japan)

14:00 - 14:45

Talk 4 Sleeping Brain: Unveiling the Art of Artificial Induction

Takeshi Sakurai (WPI-IIIIS, University of Tsukuba, Japan) 10

14:45 - 15:00

Coffee break

15:00 - 15:45

Talk 5 Mitochondrial Origins of the Pressure to Sleep

Gero Miesenböck (University of Oxford, UK) 12

15:45 - 16:30

Talk 6 Making memories in mice

Sheena Josselyn (The Hospital for Sick Children, University of Toronto, Canada) 14

16:30 Closing remarks

Masashi Yanagisawa (WPI-IIIIS, University of Tsukuba, Japan)

Described time includes questions and answers.