

UTokyo IRCN Symposium @Harvard

University of Tokyo International Research Center for Neurointelligence

Thursday, August 28, 2025 • 9:00 AM – 6:00 PM

Northwest Building, B101 • 52 Oxford Street, Cambridge, MA 02138

9:00 – 9:30 **Registration and Welcoming Remarks**
Junji Urakawa (JSPS) and Takao Hensch (Harvard MCB & Boston Children's Hospital)

9:30 – 12:10 **Neurodevelopment & Its Disorders**



Mustafa Sahin (Boston Children's Hospital)
Translational Research in Neurodevelopmental Disorders



Yukiko Gotoh (UTokyo IRCN)
Neuronal Maturation from the Perspectives of Chromatin and Lipids

20 minute Coffee Break (JSPS)



Paola Arlotta (Harvard SCRB)
Understanding Human Brain Development by Multi-year Organoid Maturation



Takamitsu Watanabe (UTokyo IRCN)
Network Dynamics Behind Typical, Atypical and Artificial Cognition

12:10 – 14:00 **Lunch & Poster Session (JSPS)** (email conte@harvard.edu to register poster)

14:00 – 16:40 **Reward Learning & the Social Brain**



Haruo Kasai (UTokyo IRCN)
Mechanical Synaptic Transmission Studied with
Synaptic Chemogenetics (SYNCit) for Cognitive Function



Naoshige Uchida (Harvard MCB)
The Core Neural Circuits for Reinforcement Learning

20 minute Coffee Break (JSPS)



Kiyoto Kasai (UTokyo IRCN)
Parental, Peer, and Sociocultural Interactions with Adolescent
Brain, Behavior, and Psychopathology



Catherine Dulac (Harvard MCB & HHMI)
Neurobiology of Social and Sickness Behavior

16:40 – 16:50 **Closing Remarks**
Clifford Woolf (HMS, Boston Children's Hospital)

16:50 – 18:00 **Reception & Poster Session and Snacks (JSPS)**