

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)