

112th WPI-IIIS Seminar & TARA Seminar

Charting developmental trajectories of neuropsychiatric disorders in mouse models

Various behavioral processes, such as social cognition and executive functions, expand from childhood to adulthood and the developmental trajectories of these dimensions derail in individuals with neuropsychiatric disorders. However, it is still not well understood how such alterations contribute to the onset of neuropsychiatric disorders. Knowledge of these processes is essential to understand the developmental origin of neuropsychiatric disorders and to develop mechanism-based therapeutic options. I will discuss how copy number variants of human chromosome 22q11.2 influence the developmental maturation of social communication and working memory in mice.



Dr. Noboru Hiroi

Albert Einstein College of Medicine

Date: **Monday, July 24, 2017**

Time: **12:00 – 13:00**

Venue: **1F Auditorium, IIIS Building**



Contact: International Institute for Integrative Sleep Medicine, University of Tsukuba
029-853-8080 (ext. 8080) | wpi-iiis-alliance@ml.cc.tsukuba.ac.jp