

246th WPI-IIIS Seminar

Multiscale Mechanisms Underlying Stress-Induced Behavioral Heterogeneity

Stress exposure leads to striking individual differences in behavioral outcomes, ranging from resilience to vulnerability. Understanding the biological basis of this heterogeneity requires a multiscale approach spanning molecules, cells, circuits, and social environments. In this seminar, I will discuss how multiscale approaches can reveal the mechanisms that generate diverse stress symptoms and guide precision strategies to promote mental health and resilience.



Dr. Shusaku Uchida

Department of Integrative Stress
Science, Institute of Science Tokyo

Date: **Thursday, February 12, 2026**

Time: **11:00 – 12:00**

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

*** On-site participation only**



Contact: International Institute for Integrative Sleep Medicine, University of Tsukuba
029-853-5857 (ext.5857) | wpi-iiis-alliance@ml.cc.tsukuba.ac.jp