

138th WPI-IIIS Seminar

Stress-Induced Prefrontal Remodeling and its Behavioral Consequences

Stress is a strain of our mental and bodily functions caused by aversive stimuli. Brief and controllable stress promotes adaptive responses for well-being and survival, whereas prolonged or excessive stress often induces emotional and cognitive dysfunctions and can be a risk factor for mental illnesses. Despite its clinical relevance, the biological basis of stress remains elusive. In this seminar, I will introduce our recent findings using social defeat stress in mice, especially about roles of prefrontal remodeling mediated by dopamine and inflammation for stress-induced behavioral changes.



Dr. Tomoyuki Furuyashiki

Division of Pharmacology,
Kobe University Graduate School of Medicine

Date: **Wednesday, October 31, 2018**

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) | iiis_seminar@un.tsukuba.ac.jp