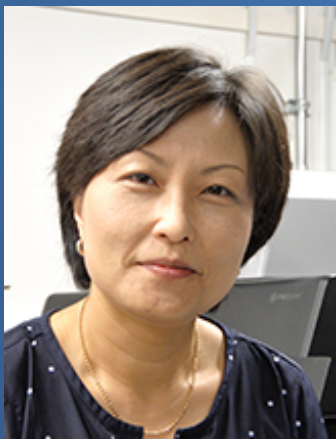


119th WPI-IIIS Seminar

Falling asleep after a big meal: Satiety quiescence in *C. elegans*

Sleep and feeding could be intimately connected; Circadian rhythm is regulated by feeding cues and perturbation of the rhythm is often associated with obesity. Orexin regulates both sleep and feeding. Why and how? We found *C. elegans* shows a conserved postprandial sleep-like behavior, called satiety quiescence. By studying the genetics and the circuit of satiety quiescence, we aim to understand how sleep is regulated by feeding and metabolism.



Dr. Young-Jai You

Neuroscience Institute, Graduate School
of Science, Nagoya University

Date: **Monday, November 6, 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