

# 58<sup>th</sup> WPI IIS Seminar

## “Circadian regulation of memory formation and its molecular mechanism”

The efficiencies of learning and memory depend on the time of the day in various organisms, but it is not clear whether the daily change is driven by the circadian clock or governed by the light-dark cycle. And the molecular link between memory formation and the circadian clock is still elusive. We demonstrate circadian oscillation in efficiency of long-term recognition memory in mice. We focused on SCOP, a key player in long-term memory formation, to explore how the clock controls memory formation.



Speaker: Dr. Kimiko Shimizu

Department of Biological Sciences,  
University of Tokyo

Date: Tuesday, April 14, 2015

Time: 12:00-13:00

Venue: Room #402, 4F, Health and Medical Science Innovation  
Laboratory, University of Tsukuba

★Light refreshments will be served.



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