

43rd WPI IIIS Seminar

“From Fruit Flies to Fly Balls: Molecular Genetics of Circadian Clocks and Sleep”

My laboratory has been using studies primarily in the fruit fly *Drosophila* but also in the mouse and even humans to better understand the molecular basis of sleep and circadian rhythms. Here we will address: 1) how circadian clocks control neuronal excitability to control daily rhythms of sleep and wake in both flies and mice, 2) how a memory processing center impacts arousal state in flies, and 3) how jet lag impacts human performance using Major League Baseball.



Speaker: Dr. Ravi Allada

Department of Neurobiology,
Northwestern University

Date: Monday, September 29, 2014

Time: 11:00-12:00

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



IIIS

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