

59th WPI IIS Seminar

“Splicing Codes for Synaptic Specificity in Neuronal Circuits”

The assembly of functional neuronal circuits during development relies on an intricate interplay of cellular interactions, molecular recognition signals, and neuronal activity-dependent processes. We will discuss recent studies uncovering the function of synaptic receptors in synaptic specificity. We further demonstrate that mutations in such receptors result in defects in synaptic function and social behaviors that can be partially reverted by targeting neuronal signaling defects in rodent models.



Speaker: Dr. Peter Scheiffele

Biozentrum,
Center for Molecular Life Sciences,
University of Basel

Date: Tuesday, April 28, 2015

Time: 12:00-13:00

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

★Light refreshments will be served.



Contact: International Institute for Integrative Sleep Medicine
Phone: 029-853-2786 (ext.2786)