33rd WPI IIIS Seminar

"Amygdala interneuron sub-types control fear learning through disinhibition"

Learning - such as learning to fear something - is mediated by experience-dependent plasticity in neuronal circuits. Interneurons play an important role in this process, but we don't know how exactly. We used optogenetics and recording from individual neurons in the basolateral amygdala and found that PV(+) and SOM(+) types of interneurons control learning in different ways through a precise dis-inhibitory interaction.

Speaker: **Dr. Steffen Wolff**

Department of Organismic and Evolutionary Biology, Harvard University

Date: Monday, June 9, 2014
Time: 10:00-11:00
Venue: Room #402, 4F, Health and Medical Science Innovation Laboratory, University of Tsukuba

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