

20th WPI IIIS Seminar

“Odor-evoked innate and learned fear responses are controlled by distinct neuronal mechanisms”

We screened artificially synthetic chemical libraries and identified a series of fear odors which can induce extremely strong freezing behaviors. Using fear odors, we clarified that innate and learned fears are controlled by distinct neuronal mechanisms. We also developed emotional markers which can discriminate both fear states. In this seminar, I will talk about two different fear states: innate cold-fear and learned warm-fear.



Speaker: Dr. Ko Kobayakawa

Osaka Bioscience Institute

Department of Functional Neuroscience

Date: Wednesday, June 12, 2013

Time: 15:00-16:00

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



IIIS

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