

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

## “Studying the Function of Odorant Receptors”

The sensing of odors is an important ability for humans and other animals; it is closely linked to emotions, behaviors and memories. I am interested in the functional significance of individual odorant receptors (OR), and trying to understand how the information from single OR can precisely be transmitted to specific brain regions and elicit a certain brain function. In this seminar, I will summarize our current efforts and future prospects examining the functional property of OR. I will also discuss the induction of fear response by optogenetic activation of a single type of OR.



Speaker: Dr. Harumi Saito

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**Date:** Tuesday, April 7th, 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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