Department of Biomedical Sciences presents a seminar on Neuroscience

Neural Circuits underlying Auditory Cortical Control of Innate Defense Behavior

By

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Date: **27 Oct 2014 (Monday)**

Time: **12pm – 1pm**

Venue: **Room 5-205, Academic 3**
City University of Hong Kong
Tat Chee Avenue, Kowloon Tong

Abstract:

Defense against environmental threats is essential for animal survival. Previous studies have been largely focused on the neural circuitry for learned defensive behaviors such as those in fear conditioning. However, innate defense circuits responsible for the transformation of unconditioned sensory stimuli, and in particular, the role of sensory cortices in generating defensive behaviors and its underlying neural pathways, remain largely elusive. I will talk about our efforts in dissecting the neural circuits that control the auditory-signal induced innate defense behavior, by combining optogenetic and electrophysiological approaches.

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~ All are Welcome ~