

# VISITING PROFESSOR SEMINAR

## A Novel Neural Circuits Controlling Energy Expenditure and Preventing Obesity

### About the lecture

Dr. Kong will discuss how to utilize mouse genetic modeling, recombineering viral techniques, in combination with electrophysiology, optogenetics, and pharmacogenetics to dissect a novel circuit in regulating energy expenditure and preventing diet-induced obesity.

**Speaker:** **Dr. Dong Kong**

*Instructor of Medicine/BIDMC/ Harvard Medical School, USA*

*Co-director of Transgenic Core of Boston Nutrition and Obesity Research Center*

**Host:** Prof Teh Bin Tean

*Professor, National Cancer Centre, Duke-NUS Graduate Medical School,  
Cancer Science Institute of Singapore*

**Date:** Tuesday, 28 May 2013

**Time:** 2.00 PM – 3.00 PM

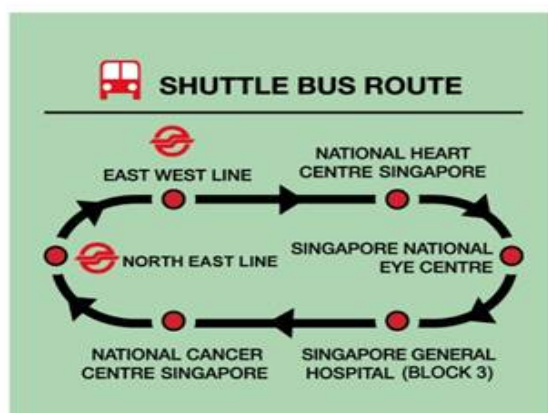
**Venue:** Duke-NUS Graduate Medical School, Conference Room 4D, Level 04

**Contact:** Ms Shanti Rajaram, Duke-NUS Graduate Medical School  
Tel: 65167266 or Email: shanti.rajaram@duke-nus.edu.sg

### About the Speaker

Dr. Kong is an Instructor in Medicine at Beth Israel Deaconess Medical Center and Harvard Medical School. He is also serving Co-director of Transgenic Core of Boston Nutrition and Obesity Research Center. Dr. Kong obtained his PhD in Genetics from Nanjing University, China and obtained his postdoctoral training at Dr. Bradford Lowell's laboratory at Beth Israel Deaconess Medical Center and Dr. Bernardo Sabatini's laboratory at Department of Neurobiology, HHMI, Harvard Medical School. His research is focused on the understanding of the neural circuits and modulation in controlling metabolism, and their contributions to human diseases like obesity and diabetes.





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