BRIGHAM AND WOMEN'S HOSPITAL
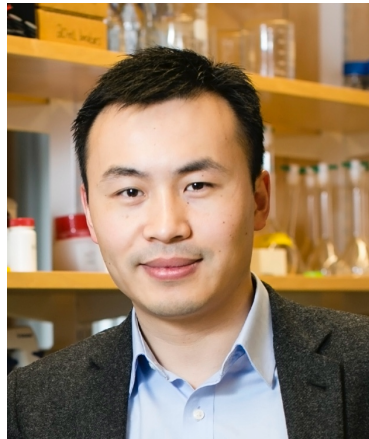
HARVARD MEDICAL SCHOOL

181 Longwood Avenue
Boston, Massachusetts 02115-5804

Department of Medicine
Channing Division of Network Medicine

Channing Microbiome Seminar
April 28 (Friday), 2017, 11am @ 5th floor conference room

Dong Kong, Ph.D.
Assistant Professor of Neuroscience
Department of Neuroscience
Tufts University School of Medicine

Genetic and Optic Dissection of Neuron-Metabolism

Abstract: The long-term interest of Dr. Dong Kong's laboratory is to bridge molecular, cellular, and system approaches to understand the neuronal modulation and circuitry involved in the pathogenesis of neurological diseases. Specifically, he is leveraging and combining a cornucopia of cutting-edge technologies, from genetically engineered mouse models, recombinant viral vectors and viral tracing system, optogenetic and pharmacogenetic approaches, patch-clamp electrophysiology, to 2-photon laser scanning microscopy and 2-photon laser uncaging methods (2PLSM/2PLU), to explore the molecular and circuit mechanisms underlying feeding related behaviors and metabolic homeostasis.

Bio: Dong Kong, Ph.D., is currently an Assistant Professor of Neuroscience at Department of Neuroscience, Tufts University School of Medicine. He received his BSc in Biochemistry from Nanjing University in 2001, and PhD in Genetics & Molecular Biology from MARC & Nanjing University in 2006. He did postdoc training at Harvard Medical School and Beth Israel Deaconess Hospital from 2006 to 2011. http://sackler.tufts.edu/Faculty-and-Research/Faculty-Profiles/Dong-Kong...

Hosted by Yang-Yu Liu