NBD Faculty Candidate Seminar



Presenter:
Dr Jun Nishiyama
Research Fellow
Max Planck Florida Institute For Neuroscience

Title: Dissecting Molecular Networks in Synapse: From Genome Editing to FRET Imaging

Abstract:
Our brain functions depend on connections between billions of neurons. These connections or synapses are disrupted in many psychiatric disorders. However, molecular mechanisms underlying synaptic function and dysfunction are largely unknown. In this seminar, I will introduce my studies to probe endogenous proteins and image signal transduction in single synapses using genome editing and optical techniques. I will discuss how these tools can help to understand molecular regulation of synapse.

Seminar Details:
Date:
4 June 2018, Monday
Time:
12:00pm to 1:00pm *(Pizza will be served)*
Venue:
Meeting Room 7C, Level 7
Duke-NUS Medical School

Host:
Prof Zhang Su-Chun
Programme Director
Duke-NUS Medical School
Neuroscience & Behavioural Disorders Programme