DUKE NUS
GRADUATE MEDICAL SCHOOL SINGAPORE

Signature Seminar Series

Yin and Yang: A tale of inhibition and excitation relevant to neuropsychiatric disorders.

ABOUT THE LECTURE

Neural circuit function requires the proper balance of inhibitory and excitatory synapses, however the mechanisms of how these synapses are regulated remain unclear. Using novel proteomics approaches, mouse genetics, neural circuit tracing, and behavior we have uncovered new mechanisms relevant to the balance of inhibition and excitation in vivo. These mechanisms shed light on potential synaptic to circuit causes of neuropsychiatric disorders.

Speaker: ***Associate Professor Scott Soderling***
Co-Director, BAC Recombineering Facility
Associate Professor of Cell Biology and Neurobiology
Department of Cell Biology
Duke University School of Medicine

Host: ***Professor Patrick Casey***
Senior Vice Dean, Research
Professor of Cancer & Stem Biology Program
Duke-NUS Graduate Medical School

Date: Thursday, 2 April 2015

Time: 12.00 PM— 1.00 PM
(Light refreshments will be served at 11.30 AM)

Venue: Duke-NUS Graduate Medical School
Amphitheatre, Level 2

Contact Person: Ms Kathleen Chan, Duke-NUS Research Affairs Department
Tel: 6516 7255 or Email: kathleen.chan@duke-nus.edu.sg

ABOUT THE SPEAKER

Dr. Soderling is an Associate Professor of Cell Biology and Neurobiology at Duke University. His laboratory uses a range of approaches, including proteomics, mouse genetics, and behavior to uncover signaling pathways that regulate synaptic physiology in vivo and that are relevant to neurodevelopmental and neuropyschiatric disorders.



Registration is not required.

Map


DUKE NUS
GRADUATE MEDICAL SCHOOL SINGAPORE
OUTRAM ROAD
OUTRAM MRT
SGH
COLLEGE ROAD
THIRD HOSPITAL AVENUE
SECOND HOSPITAL AVENUE
FIRST HOSPITAL DRIVE
HOSPITAL DRIVE
SPOTTISWOODE PARK ROAD
NEIL ROAD
KAMPONG BAHRU ROAD
EVERTON ROAD
BLOCK 1
BLOCK 2
BLOCK 3
BLOCK 4
BLOCK 5
BLOCK 6
BLOCK 7
BLOCK 8
A&E
TAXI
NATIONAL CANCER CENTRE SINGAPORE
NATIONAL HEART CENTRE SINGAPORE
SINGAPORE NATIONAL EYE CENTRE
PATHOLOGY
FORMER SCHOOL OF NURSING
HEALTH SCIENCES AUTHORITY (HSA)
HEALTH PROMOTION BOARD (HPB)
NATIONAL DENTAL CENTRE SINGAPORE
THE ACADEMIA
A
B
C
D
E
F
G
I

SHUTTLE BUS ROUTE
EAST WEST LINE
NATIONAL HEART CENTRE SINGAPORE
NORTH EAST LINE
SINGAPORE NATIONAL EYE CENTRE
NATIONAL CANCER CENTRE SINGAPORE
SINGAPORE GENERAL HOSPITAL (BLOCK 3)

LEGEND
TAXI
TAXI STAND
CAR PARK
DROP-OFF POINT FOR A&E PATIENTS ONLY
SHUTTLE BUS
BUS STOP