CSCB Seminar Series

DUKE NUS GRADUATE MEDICAL SCHOOL SINGAPORE

Title:

"A Gain-of-Function Genetic Screen Reveals New Roles for WNT Signaling in B-cell Lymphoma."

Abstract:

Conventional loss-of-function genetic screens are highly informative but do not accurately model genome alterations that increase gene function. We developed a new mass spectrometry-coupled gain-of-function screen and used it to study the β-catenin-dependent WNT signaling pathway. My presentation will focus on the FOXP1 transcription factor, its mechanism of action and why its overexpression in B-cell lymphoma governs sensitivity to WNT pathway inhibitors.

Date:

10 April 2014 (Thursday)

Time:

12:00 NN to 1:00 PM

Venue:

Amphitheatre, Level 2
Duke-NUS Grad Med Sch
8 College Road, S169857

(Opposite Singapore General Hospital, Block 6/7)

Host:

David Virshup, M.D.
Professor & Director
Program in Cancer & Stem Cell Biology
Duke-NUS Graduate medical School Singapore

"No registration is required."
Any enquiry, pls contact:
Jamie Liew (Tel: 6516 6954)

Speaker:

M. Ben Major, Ph.D.
Lineberger Comprehensive Cancer Center
University of North Carolina Chapel Hill
Chapel Hill, NC Pennsylvania

Biography:

Dr. M. Ben Major is an Assistant Professor of Cell Biology and Physiology at the University of North Carolina at Chapel Hill. He holds a secondary position in the Department of Computer Sciences. He did his doctoral work at the University of Utah and then went on to a postdoc at the University of Washington. Ben's research program uses protein mass spectrometry and functional genomics to study how alterations in signal transduction contribute to human disease.