DukeNUS Medical School

Signature Seminar Series

Mechanisms and Functions of Lysosome Positioning

ABOUT THE LECTURE

The ability of lysosomes to move bidirectionally between the center and the periphery of the cell is critical for many of their functions, including protein degradation, autophagy, plasma membrane repair, and cell adhesion and migration. In this seminar, I will discuss the molecular machinery that regulates this movement, including small GTPases, adaptor proteins, microtubule motors and signaling molecules. In addition, I will discuss the importance of this machinery for neuronal functions.

Speaker: ***Professor Juan S. Bonifacino***
NIH Distinguished Investigator
Associate Scientific Director
NICHD, US National Institutes of Health

Host: ***Dr Wang HongYan***
Interim Director and Associate Professor
Cancer & Stem Cell Biology Programme
Duke-NUS Medical School

Date: **Wednesday, 8 June 2016**

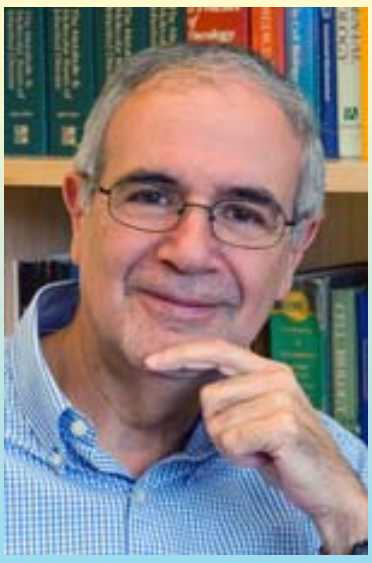
Time: **12.00 PM— 1.00 PM**
(Light refreshments will be served at 11.30 AM)

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

Contact Person: **Ms Cynthia Lim, Duke-NUS Research Affairs Department**
Email: cynthia.lim@duke-nus.edu.sg

ABOUT THE SPEAKER

Dr. Juan Bonifacino received his doctoral degree in biochemistry from the University of Buenos Aires, Argentina, in 1981. He then moved to the NIH, where he pursued postdoctoral studies with Dr. Richard D. Klausner. He rose through the ranks to his current position as Associate Scientific Director of the Cell Biology and Neurobiology Branch, NICHD, NIH. His laboratory investigates the molecular mechanisms of protein trafficking, and the diseases that result from dysfunction of these mechanisms



** Please be informed that photography and videography may be taken during the event for publicity purposes.*