

Title:

“Molecular regulation of mammary stem cell hierarchy and its implications in breast cancer.”

Abstract:

Breast cancer originates from breast epithelial cells. Elucidation of the normal stem cell hierarchy is a critical step towards understanding the molecular perturbations during breast tumorigenesis. Dr. Fu will report his recent studies on in vivo lineage tracing of mammary stem cells using cutting-edge genetic approaches, development of mouse models for addressing cells of origin in breast cancer, and identification of novel molecular markers and key molecular regulators of mammary stem cells.

Date:

**1 April 2015
(Wednesday)**

Time:

12:00 PM to 1:00 PM

Venue:

**Meeting Rm 7C Lvl 7
Duke-NUS Grad Med School
8 College Road, S169857**
(Opposite Singapore General Hospital, Block 6/7)

Host:

Sin Tiong ONG, MA, MRCP
Associate Professor
Program in Cancer & Stem Cell Biology
Duke-NUS Graduate medical School Singapore

“No registration is required.”

Any enquiry, please contact:
Lilian Poon (Tel: 6601 3779)

Speaker:



Dr. Nai Yang FU, PhD

Senior Research Officer
Stem Cells and Cancer Division
The Walter and Eliza Hall
Institute of Medical Research
Melbourne, Australia

Biography:

Dr. FU obtained his Bachelor of Science at Xiamen University in 1995, then his Master of Science at Sun Yat-sen University in 1998. He subsequently completed his PhD studies (2007) at the Institute of Molecular and Cell Biology (IMCB), Singapore. Since 2009, Dr. Fu has been working in Stem cells and Cancer Division at the Walter and Eliza Hall Institute of Medical Research (WEHI), Australia. He has published multiple first-authored papers in Nature, Nature Cell Biology, Molecular Cell and PNAS.