

Title:

“Tumor Initiating Cells and Immune Interaction – Implications for Cancer Therapy.”

Abstract:

Interactions between tumor cells and their microenvironment regulates tumor progression. We show that macrophages stimulate tumor-initiating cell (TIC) survival via TGF β and polyamines. Macrophages protect TICs from chemotherapy in vitro while in vivo chemotherapy or surgical resection of the primary tumor promotes the early emergency of this macrophage-responsive TIC population, contributing to relapse. Understanding this TIC-macrophage interaction will facilitate therapeutic development.

Date:

21 Nov 2014
(Friday)

Time:

12:00 PM to 1:00 PM

Venue:

Meeting Room 7C,
Level 7

Duke-NUS Grad Med School
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, please contact:
Jamie Liew (Tel: 6516 6954)

Speaker:



Muly Tham

Senior Research Fellow
Laboratory of Tumor
Immunology (JPA) | Singapore
Immunology Network

Biography:

Dr. Tham received a degree in Neuroscience from Nottingham University, U.K. She joined Dr. Sohail Ahmed's lab at the Institute of Medical Biology for her PhD, studying the biology of neural stem cells and their interaction with the extracellular matrix. Subsequently she joined Dr. Jean-Pierre Abastado's Laboratory of Tumor Immunology in SIGN, and studied the interaction between tumor initiating cells and the immune system during tumor progression.