DukeNUS Medical School

CSCB Seminar Series

Title:

New approaches to targeting and monitoring breast cancer recurrence and treatment resistance

Abstract:

Clinical management of aggressive breast cancer remains a challenge due to high risk of tumor recurrence and distant metastasis. Despite being a major cause of mortality, treatment options for the advanced disease remains limited, necessitating the identification of new therapeutic strategies that target metastatic recurrence and chemoresistance. Our research has been focused on the fundamental biology related to the above clinical problems and wishes to identify new diagnostic and therapeutic strategies that may lead to improved patient survival. To this end, we have identified a molecular alteration associated with tumor-initiating cells and made efforts to translate this finding into a liquid biopsy test for a potential clinical use. Importantly, we demonstrate that this molecular event is an actionable target for therapeutic intervention. Our work shows the value of our cfDNA test in identifying breast cancer patients at high risk for recurrence which has the potential to be used for post-treatment surveillance and guiding new treatment strategies.

Date:

11 September 2017, Monday

Time:

12.00pm – 1.00pm

Venue:

Amphitheatre, Level 2
Duke-NUS Medical School
8 College Road, S169857
(Opposite Singapore General Hospital, Block 6/7)

Host:

Prof. Patrick Tan, PhD
Professor,
Programme in Cancer & Stem Cell Biology,
Duke-NUS Medical School

Speaker:



Prof. Yu Qiang
Senior Group Leader
Cancer Biology and Pharmacology
Genome Institute of Singapore

Biography:

Qiang Yu is currently a Senior Group Leader of Therapeutics and Stratified Oncology Program at the Genome Institute of Singapore (GIS). He also has adjunct professorship appointments at Yong Loo Lin School of Medicine of National University of Singapore and DUKE-NUS Medical School. His lab is interested in the mechanisms of cancer progression and drug resistance, developing biomarkers and therapeutic strategies with the aim to improve the clinical outcomes of cancer patients.

No registration is required. All are welcome
Any enquiry, please contact: Amanda Chan (Tel: 6601 5700)

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