DukeNUS Medical School | National Cancer Centre Singapore SingHealth | CSCB Cancer and Stem Cell Biology **Seminar Series**

Divide and Conquer: Stratification and Precision Medicine in Gastrointestinal Cancers

Abstract:

Gastrointestinal cancers are highly heterogeneous, and it is essential to stratify these cancers for individualised/precise diagnosis and therapy. Hence, we systematically study inter/intra-tumor/stromal heterogeneity by developing innovative machine-learning model(s) to integrate genome and phenome. This approach is leading to biomarker-based companion diagnostic assay development that are validated using clinical trials and pre-clinical models to maximise patient benefit.

Speaker:

Dr. Anguraj Sadanandam

Team Leader
Systems and Precision Cancer Medicine Team
Division of Molecular Pathology
The Institute of Cancer Research
London, United Kingdom

Dr. Sadanandam completed his interdisciplinary Ph.D. from the USA, and continued postdoc with Professors Joe Gray and Douglas Hanahan. Briefly worked at Swiss Institute of Bioinformatics. He is currently a tenured Team Leader (Associate Professor) at the Institute of Cancer Research (ICR), London. He has Honorary appointments with Royal Marsden Hospital and Mayo Clinic. His team focuses on stratified and precision cancer therapy based on his pioneering gastrointestinal cancer studies.

Date:

30 May 2019 (Thursday)

Venue:

Amphitheatre, Level 2
Duke-NUS Medical School
8, College Road,
Singapore 169857

Time:

12:00 – 1:00 p.m.

Host:

Dr. Kanaga SABAPATHY

Professor
Head and Principal Investigator
Division of Cellular & Molecular Research
National Cancer Centre Singapore

No registration is required.
All are welcome.

Any enquiries, please contact:
Lilian Poon (6601 3779)