CSCB Virtual Seminar Series

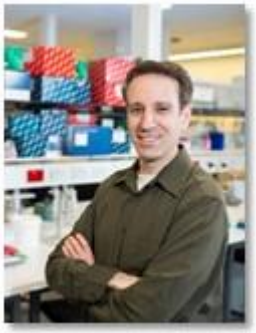
Functional Precision Medicine Approaches to Identification of New Cancer Therapeutic Targets.

Date: 16th March 2021 (Tuesday)
Time: 12noon-1pm (SGT/UTC+8)

Venue: *via* **Zoom**
https://nus-sg.zoom.us/j/89262053306

Meeting ID: 892 6205 3306
Password: 424900

Abstract:
Current precision medicine programs focus on genomic sequencing to identify discrete mutations that may predict patients' responses to targeted therapies. Unfortunately, fewer than twenty percent of cancer patients harbour actionable mutations and of those that do, only half respond to therapy. This underscores a clear need to go beyond genomic sequencing to identify new-targeted therapies for cancer patients. In this talk, I will give examples of how we are using functional and integrated genomic approaches to deliver new therapeutic strategies to target cancers of greatest unmet medical need.



Speaker:

Associate Professor Ron Firestein, MD/PhD

Head,
Centre for Cancer Research
Hudson Institute of Medical Research

Associate Professor Firestein is Head of the Centre for Cancer Research at Hudson Institute of Medical Research. He is a physician scientist, double board certified in Pathology (Anatomic and Molecular Genetics, USA Board of Pathology) specialising in Cancer Research, Oncology Translational Medicine and Oncology Drug Discovery and Biomarker Development. His scientific work has resulted in numerous peer reviewed high impact publications (e.g. *Nature, Cancer Cell, Cell, Cancer Research*) as well as 10 patents.

Host:

David Virshup
Professor & Director
Programme in Cancer & Stem Cell Biology
Duke-NUS Medical School
Singapore

No registration is required.
All are welcome.