Research Instruments & DUKE-NUS Medical School is proud to present the following seminar:

10X Genomics Single Cell Solutions Updates

This seminar introduces 10x Chromium Single Cell 3' and V(D)J solutions and some of the resultant research discoveries. The Single Cell 3' solution is a comprehensive, scalable application for cell population characterization; this application profiles the transcriptome of hundreds to millions of cells. The Single Cell V(D)J Solution can simultaneously measure TCR, B cell Ig, and 5' gene expression in the same sample, thus enabling the examination of the adaptive immune repertoires from hundreds to millions of T and B cells on a cell-by-cell basis.

Date : **10 Jan 2018 (Wednesday)**

Time : **10.30am – 11.30am**

Venue : **Duke-NUS Medical School, Level 7, Meeting Room 7C**

Host : **Dr. FU Naiyang**
PhD, Assistant Professor, Programme in Cancer & Stem Cell Biology, Duke-NUS Medical School.

Registration link: https://www.surveymonkey.com/r/201810xDukeNUS



Presenter Bibliography:

Leo Chan obtained his PhD in Marine Biosciences (Microbiology) from the University of Delaware in the US in 2009. He competed his postdoctoral research studies at the University of Georgia then at the US DOE Joint Genome Institute (JGI) in 2013. Briefly, he worked as a Senior Research Associate at the JGI, then from late 2013 to early 2017, as a Technical Support Scientist, a Bioinformaticist, and a Global Field Applications Scientist at WaferGen Biosystem. His expertise is with single cell genomics and transcriptomics and with environmental metagenomics and metatranscriptomics. Since March of 2017, he has worked at 10x Genomics, currently serves as a Field Applications Scientist for Asia Pacific.

Coffee & light refreshments will be provided