

SIgN Immunology Seminar



Dr Damien Chaussabel

Systems Biology Department,
Sidra Medical and Research Center

Systems Approaches Applied to the Assessment of Human Immune Function

The introduction of high throughput profiling platforms has enabled the assessment of the constitutive elements of the immune system on systems scales – i.e. allowing the measurement of all analytes there are to measure for a given omics system – such as the blood transcriptome. Systems approaches are in that respect unbiased and have been implemented to investigate disease pathogenesis and more recently responses to vaccines. Data mining strategies, software and assays that have been applied to investigation of blood transcriptome data as well as assessment of innate immune responsiveness will be presented.

Host
Prof Laurent
Renia
Singapore
Immunology
Network, A*Star

Date
Monday
2 February 2015

Time
2pm – 3pm

Venue
SIgN Seminar
Room
Immunos
Building
Level 4
Biopolis