



Singapore
Immunology Network

A * S T A R

SIgN SEMINAR

*hosted by Dr Anis Larbi (A*STAR Flow Cytometry Platform)*

Edmond Chua

MSc. Applications Specialist, (Asia-Pacific), Cytex

Full Spectrum Flow Cytometry: A New Standard for High Sensitivity and High Multi-Color Multiplexing in FACS Experiment

Until recently, developing assays with over 30 colors in the field of fluorescence-based flow cytometry has been aspirational, with many scientists turning to other technologies for their high-parameter applications. No longer. With the addition of the UV laser and a total of 64 fluorescence detectors, Cytex® Aurora now has the power to take highly-multiplexing assays beyond 30 colors without the use of specialty dyes. In this tutorial, Edmond Chua will explain how Cytex is able to produce robust, high resolution, reproducible 30+ color data. The talk includes a direct comparison between data generated from the UV-laser Aurora and a Mass Spectroscopy Cytometer. This analysis shows that our unique full spectrum flow cytometer is an equally capable tool for high parametric cell analysis. Join us as we demonstrate the Aurora's full spectrum approach and show that hardware is no longer the limiting factor for achieving ultra-high multiplexed applications with fluorescence-based technology.

Incorporating a unique combination of patented innovative technologies that takes flow cytometry to the next level of performance and flexibility, the Aurora suits every laboratory's needs, from simple to high-complexity application. Configurable with up to 5 lasers, 3 scattering channels, and up to 64 fluorescence channels, the Aurora is truly one of its kind.

Schedule:

9:30-10:30am: Full Spectrum Flow Cytometry: A New Standard for High Sensitivity and High Multi-Color Multiplexing in FACS Experiment

10:45am-4:00pm: Theory Training for selected participants



11 February 2020 (Tuesday)
9:30am – 4:00pm
SIgN Seminar Room, Immunos Level 4

[Register Here!](#)



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