

Workshop on Flow Cytometry using **Agilent's NovoCyte Quanteon Flow Cytometer**

[Speaker/trainer: Mr. David Chung, Application Specialist of Genomax]

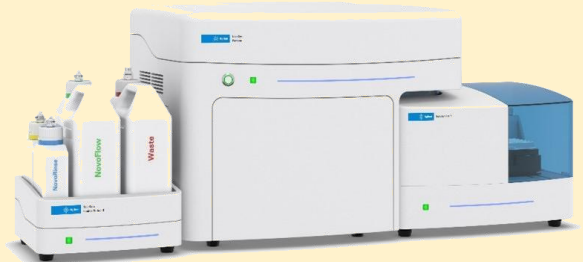
ABSTRACT

The NovoCyte Quanteon is a new generation in the successful line of NovoCyte flow cytometers. Equipped with 4 laser, the Quanteon can detect up to 25 fluorescent channels while providing excellent sensitivity, stability, and a 7.2 log dynamic range. In this workshop, participants will have opportunity to share their experiment designs and objectives to the audiences while able to experience using the Quanteon to work on their own samples and generate useful data.

TIME & VENUE

Workshop: 5th July 2022, 9 – 5 p.m.
@ INFORMM Penang, USM

Instrument Placement: 6 – 15 July
@ Lab, Open for staff and student use



<NovoCyte Quanteon>

Co-Organized by:



QR Registration:



Register Link: <https://forms.gle/VrSYe5MSK9Q6pUMo9>

Or contact Mr Ewe @ 017 – 710 9908 for more info.

Program Agenda

Workshop (5 th July 2022)		
Time	Activity	Venue
9.00 – 10.00 am	Lecture 1: Introduction to flow cytometry	Multipurpose Hall
10.00 – 11.00 am	Lecture 2: Novocyte™- System & Maintenance	Multipurpose Hall
11.00 – 11.30 am	Lecture 3: Multicolor Flow Cytometer assay: Compensation & optimization	Multipurpose Hall
11.30 – 12.30 am	Practical 1: System start-up & QC	Lab
12.30 – 1.00 pm	Lunch Break at The Kapis, INFORMM	
1:00 – 5:00 pm	<p>Practical 2: Antibody test using human and/or mouse peripheral blood mononuclear cells (PBMCs)</p> <p>Practical 3: Analysis on cellular angiogenesis and various cell death mechanisms using BZD9L1 treated cancer cell lines.</p> <p>Practical 4: Cell cycle and apoptosis study with antibody optimization on brain cancer cell line.</p>	Lab
End of session		

*Lunch will be provided for the registered participants only (cut-off 28th June).

*Contact us if you wish to run your sample under physical training (5th or 6th July).