



You are invited to join us for the

A*STAR.Singapore Immunology Network (A*STAR.SigN) – Bruker Cellular Analysis Centre of Excellence Opening Ceremony Event



Date: 14th December 2023 (Thursday)

Time: 10 00 am – 12 00 noon (Lunch will be provided after)

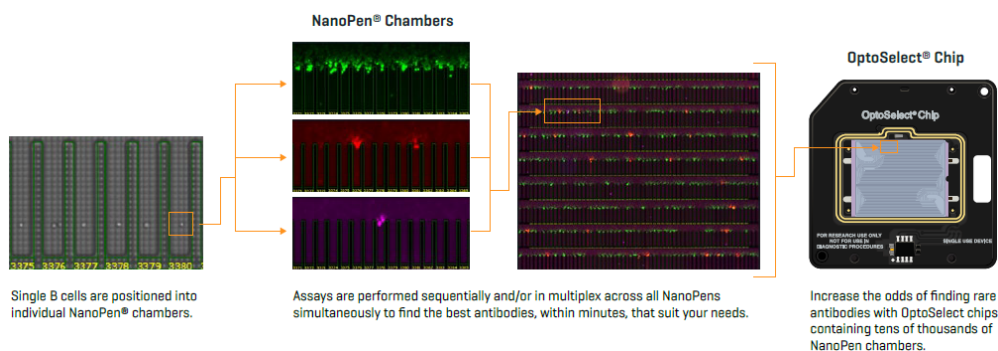
Venue: Level 4 Seminar Room Immunos, Biopolis

Introduction to the Beacon System

As the demand for antibody therapies grows, so does the need for technologies that can accelerate their discovery. The Bruker Cellular Analysis Beacon® optofluidic system automatically clones tens of thousands of single B cells into NanoPen® chambers in OptoSelect® chips. The small volume of the chambers enables secreted antibody concentrations to reach detectable levels in minutes. Hit panel generation and lead molecule down-selection are performed in just one day. Antigen-specific antibody sequences can then be recovered with high efficiency. This revolutionizes selection of lead molecules against difficult targets. The Beacon system can also be used for single T cell profiling in Cell Therapy as well as Cell Line Development (CLD). We hope to share with you the functionality of this instrument during this event so that you can understand how it can be applied for your research. Visit our website for more information at brukercellularanalysis.com.



Functional Screen Tens of Thousands of B Cells on a Chip Simultaneously



Register Here



Agenda

1000 - 1015 Prof Kong Peng Lam, Executive Director, A*STAR.SiGN

- Welcome Speech



1015 - 1025 Dr Yan Zhang, President, Bruker Cellular Analysis

- Welcome Speech



1030 - 1130 Dr Maybelline Giam, Applications Manager, Bruker Cellular Analysis

- Introduction to Beacon Optofluidic System, its applications in Antibody Discovery and beyond.



1130 - 1145 Dr Huo Jianxin, Co-Director, A*STAR.SiGN-BCA CoE

- Accessing the Beacon service at A*STAR.SiGN-BCA CoE



1145 - 1200 Opening Ceremony at the Beacon room

LUNCH

1400 - 1530 Beacon Open House Live Demo

- Group 1 - 1400 - 1415
 - Group 2 - 1430 - 1445
 - Group 3 - 1500 - 1515
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For more inquiries, contact maybelline.giam@bruker.com or isaac.li@immunol.a-star.edu.sg

Register Here

