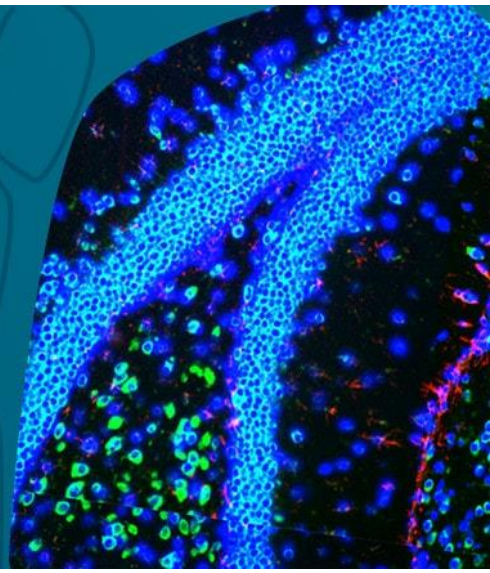
everlife ResearchInstruments

Institute of Molecular and Cell Biology IMCB

nanoString A BRUKER COMPANY

Ushering in a New Era of Spatial Biology



Date: 17 July 2024 (Wednesday)

Duration: 3pm – 4.30pm

Venue: Proteos, Staff Event Room (Level 7, 07-19)

Light refreshments provided for registered participants

Register

Spatial Multiomics is a transformative technology that has revolutionized the way we visualize and understand biological processes in tissues. In the span of 6 years NanoString has scaled spatial RNA detection from 84 genes to 22k genes both in spatial bulk profiling and single cell imaging approaches.

Quickly resolve tissue heterogeneity and the complexity of microenvironments with the **GeoMx Digital Spatial Profiler (DSP**), the most flexible and robust spatial multiomic platform for analysis of formalin-fixed paraffin-embedded (FFPE) and fresh frozen (FF) tissue sections. GeoMx is the only spatial biology platform that non-destructively profiles expression of whole transcriptome RNA and 570+ proteins from distinct tissue compartments and cell populations with an automated and scalable workflow that integrates with standard histology staining.

CosMx Spatial Molecular Imager (SMI) is the first high-plex in situ analysis platform to provide spatial multiomics with FFPE and FF tissue samples at cellular and subcellular resolution. CosMx SMI enables rapid quantification and visualization of up to 6,000 RNA and 64 validated protein analytes. It is the flexible, spatial single-cell imaging platform that will drive deeper insights for cell atlasing, tissue phenotyping, cell-cell interactions, cellular processes, and biomarker discovery.

Please join Dr Marshall Feterl for an overview of the NanoString portfolio, applications and future roadmap.

Speaker:
Marshall Feterl, PhD
Distribution Sales Manager

Host:
Dr Manikandan Lakshmanan
Deputy Program Director,
IMCB-Indivumed Joint Lab
Senior Group Leader, IMCB