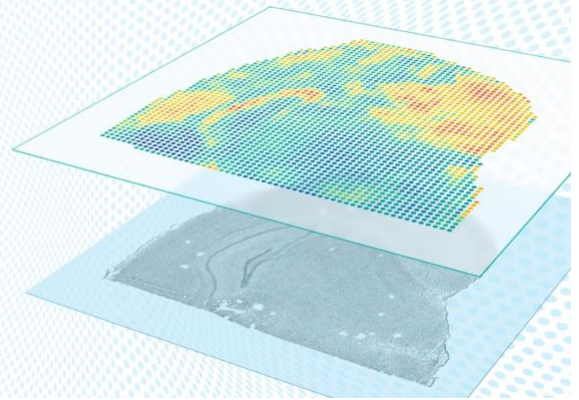




Envision New Dimensions

Visium Spatial Gene Expression Solution



Join Us for a Scientific Seminar

10x Single Cell and Visium Spatial Gene Expression Solution Seminar

Thursday, February 27, 2020

12:00 – 1:30 p.m.

University of Hawaii Cancer Center

701 Ilalo St.

301 Conference Room

Honolulu, HI 96813

Featured Speakers:

Paul Scott, M.Sc., Sales Executive, 10x Genomics

Adam Bemis, Field Applications Scientist, 10x Genomics

Whether you want to dissect cell-type differences, investigate the adaptive immune system, or discover copy number variation and genomic heterogeneity on a cell-by-cell basis, the Chromium System from 10x Genomics is the answer. Characterize and profile gene expression in hundreds to tens of thousands of single cells, sequence paired, full-length B-cell or T-cell repertoires, or profile hundreds to thousands of single cell genomes to reveal genome heterogeneity and understand clonal evolution. These are just a few of the ways our solutions can provide important insight into previously inaccessible information. Learn how to enhance your biological discoveries with our genomics and high-throughput single cell transcriptomics products and explore our newest single cell technologies such as the Single Cell ATAC Solution and Single Cell Gene Expression Solution with Feature Barcoding technology.

The ability to discern spatial gene expression differences in complex biological systems is critical to our understanding of developmental biology and the progression of disease. However, the complexity presented by heterogeneous tissue has been historically difficult to overcome. Immunohistochemistry, ISH, and H&E staining, foundational tools for understanding tissue architecture, are based on a combination of gene expression and cell morphology information. Though recent advances in RNA sequencing (RNA-seq) have made it possible to obtain unbiased high-throughput gene expression data, these experiments require dissociated cells and cannot preserve morphological context, until now.

The Visium Spatial Gene Expression Solution from 10x Genomics analyzes complete transcriptomes in intact tissue sections, allowing you to discover genes and markers relevant to your research without having to rely on known targets. Preserving spatial resolution offers critical information for understanding the relationships between cellular function, phenotype, and location in the tissue.

Register at: https://10x_seminar_hawaii_022720.eventbrite.com

**Lunch will be provided to registered attendees. Please RSVP to reserve your spot.*

To find out more about our products and services, contact:

Paul Scott at paul.scott@10xgenomics.com