10x GENOMICS

ASOC
Applied Spatial Omics Centre

Hands-on spatial gene expression bioinformatics workshop

In Partnership with
University of Calgary
Advanced Spatial Omics Core
(ASOC)

October 28 – 29, 2025
9:00 AM – 4:00 PM

HSC 1500 & 1501

Join us for a two-day workshop series on spatial data analysis with Visium HD and Xenium. Together, we'll explore how to process, visualize, and interpret spatial gene expression data to unlock new biological insights.

Day 1: Visium HD Bioinformatics Workshop
Learn how to analyze Visium HD Spatial Gene Expression data from start to finish. We'll walk through data processing on the 10x Cloud, explore quality metrics with the summary from Space Ranger, and dive into Loupe Browser for cell-type mapping and visualization. You'll also learn how to get started in using community tools for deeper biological insights from Visium HD data.

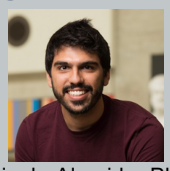
Day 2: Xenium Bioinformatics Workshop
Explore the Xenium In Situ Gene Expression data analysis journey from thoughtful panel design to publication quality figures. We'll cover tools from 10x Genomics and the broader community, showing you how to assess data quality, annotate cell types, integrate multiple samples, and uncover biological insights.

Seats are limited, please register in advance.

Questions? Please reach out to
mark.buss@10xgenomics.com

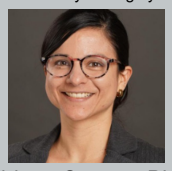
Featuring

Bo Young Ahn, PhD
Senior Spatial Biology Specialist
University of Calgary



Luiz de Almeida, PhD
Lead Bioinformatician
University of Calgary

Emily Grantham, PhD
Sr. Scientist, Applied Bioinformatics
10x Genomics



Adriana Suarez, PhD
Sr. Science and Technology Advisor
10x Genomics

Lionel Brooks, PhD
Spatial Field Applications Scientist
10x Genomics

Andrew Warkman, PhD
Staff Field Application Scientist
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Register