Emory University School of Medicine
Department of Pediatrics

nanoString

Emory University
Emory Integrated Genomics Core
Emory Integrated Core Facilities

Emory University and NanoString Present:

Revealing Hidden Biology with Spatial Multiomics Using GeoMx and CosMx

PLEASE JOIN US!

At this hybrid event, we will give an introduction to NanoString's spatial multiomics systems, GeoMx and CosMx, followed by some exciting presentations by Investigators who have generated data using these platforms.

The GeoMx allows you to measure tens to thousands of RNA or protein analytes in cell types or morphological structures to understand heterogeneity.

CosMx is the first high-plex spatial in-situ platform to provide rapid quantification and visualization of up to 1,000 RNA and 100 validated protein analytes in a single cell/sub-cellular manner. This system gives deeper insights for cell atlasing, tissue phenotyping, cell-cell interactions, cellular processes, and biomarker discovery.

DATE & LOCATION

October 19th | 2 - 4 pm ET

HSRB Auditorium

1760 Haygood Dr

NE, Atlanta, GA 30322

OR

Zoom

https://zoom.us/j/294261547

Meeting ID: 294 261 547
One tap mobile
+14703812552,,294261547# US (Atlanta)

AGENDA

- 2:00 - 2:30pm : Spatial Multiomics Overview - GeoMx + CosMx | Amy Johnson, PhD, Nanostring Technologies
- 2:30 - 3:00pm : Spatial transcriptomics reveals cell type-specific functional differences in spiny projection neurons based on location within the striatum | Ellen Hess, PhD, Emory University
- 3:00 - 3:20pm : TBD | Zachary McEachin, PhD, Emory University
- 3:20 - 3:50pm : Utilizing Nonhuman Primate Models and High-Dimensional Spatial Approaches to Understand HIV Persistence | Jacob Estes, PhD, Oregon Health & Science University (**Pre-Recorded)**
- 3:50 - 4:00pm : Q&A session

SPEAKERS

Amy Johnson, PhD

Technical Specialist
NanoString Technologies, Inc.

Ellen Hess, PhD

Professor, Department of Pharmacology + Chemical Biology
Emory University School of Medicine

Zachary McEachin, PhD

Assistant Professor, Department of Human Genetics + Cell Biology
Emory University School of Medicine

Jacob Estes, PhD

Professor, Vaccine and Gene Therapy
Oregon Health Sciences University

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For more information, please contact EIGC at eigc@emory.edu or Elizabeth Mahoney at emahoney@nanostring.com

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