

# Biology at True Resolution

User Group Meeting



## Date

SEPTEMBER 10, 2019

## Time

9:00am—5:00pm

## Location

Yale University

800 West Campus Drive

West Campus Conference Center (W-800)

West Haven, Connecticut 06516

## Agenda

9:00 – 10:00AM	Registration & Check-in	
10:00 – 10:40AM	Welcome & Introduction to 10x Genomics – Biology in True Resolution	Michael Bronson, PhD, Sales Executive, CT & NY, 10x Genomics
10:40 – 11:10AM	Resolving Biology Using 10x Genomics Visium Spatial Gene Expression	Kasandra Burgos, PhD, Technical Sales Specialist, 10x Genomics
11:10 – 11:40AM	Spatiotemporal Dynamics of Molecular Pathology in ALS	Silas Maniatis, PhD, Research Scientist, New York Genome Center
11:40 – 12:30PM	Lunch Break	
12:30 – 1:00PM	Single Cell Sequencing Reveal Microglia & Immune Populations in the CNS are Uniquely Sensitive to Artfactual Gene Expression in Both Mice & Humans	Samuel Marsh, PhD, Postdoctoral Research Fellow, Stevens Lab, Boston Children's Hospital and Harvard Medical School
1:00 – 1:30PM	10x Sample Preparation for 10x Genomics: Beyond the Basics	Andrew Allison, Field Application Scientist, 10x Genomics
1:30 – 2:00PM	Single Cell Transcriptional Dissection of Region-Specific and Vascularized Human Brain Organoid	Yoshiaki Tanaka, PhD, Associate Research Scientist Yale University, Department of Genetics
2:00 – 2:30PM	Visualizing and Exploring Single-Cell ATAC-seq Data to Determine the Regulatory Landscape of Chromatin	Lance Hepler Staff Computational Biologist, 10x Genomics, 10x Genomics
2:30 – 2:45PM	Coffee Break	
2:45 – 3:30PM	10xPert Panel	10xPerts Featuring R&D, Applications, Support, Software, Product Marketing and more
3:30 – 4:00PM	Single Cell Analysis of Neurological Disorders: A New Approach to Dissect Immunological Perturbations in Human Brain	Le Zhang, PhD, Associate Research Scientist Department of Neurology Yale University School of Medicine
4:00 – 4:30PM	Single-Cell Multiomics with Feature Barcoding Technology Reveals Cellular Heterogeneity	Katherine Pfeiffer, PhD Staff Scientist, 10x Genomics
4:30 – 5:00PM	TBD	Matthew Dong, MD/PhD Student, Sidi Lab, Yale School of Medicine

Registration Link: [https://10x\\_ugm\\_newhaven\\_091019.eventbrite.com/](https://10x_ugm_newhaven_091019.eventbrite.com/)