



Cold Spring Harbor Laboratory
MEETINGS & COURSES PROGRAM

Single Cell Analysis

July 1 – 16, 2022

Hershey Laboratory

INSTRUCTORS:

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Friday, July 01, 2022		
7pm	Separating Single Cells and Their Contents	Nancy Albritton (University of Washington)
Sunday, July 03, 2022		
7pm	Single-cell Analysis of Differentiation and Drug Response in Glioblastoma	Peter Sims (Columbia)
Tuesday, July 05, 2022		
7pm	Integrated Single Cell and Spatial Transcriptomic Approaches for Defining the Molecular Anatomy of The Human Brain	Kristen Maynard (Lieber Institute for Brain Development)
Wednesday, July 06, 2022		
7pm	Addressing Open Challenges in Single-Cell and Spatial Data Science	Stephanie Hicks (Johns Hopkins)
Thursday, July 07, 2022		
7pm	Beyond Single Cells: Subcellular Analytic and Functional Genomics <i>Joint Seminar with ATMN, Grace Auditorium Reception to follow</i>	Jim Eberwine (Penn)
Friday, July 08, 2022		
7pm	Emergent Cellular Ecosystems in Melanoma Revealed by Single Cell Analysis	Arjun Raj (Penn)
Saturday, July 09, 2022		
7pm	Epigenomic Programming of Brain Sex Differences	Bruno Gegenhuber (Harvard)
Sunday, July 10, 2022		
7pm	Chemical Tools for Controlling Protein Localization	Dave Chenoweth (Penn)
Monday, July 11, 2022		
7pm	Controlling Phase Separation in Live Cells With Photosensitive Chemical Dimerizers	Huaiying Zhang (Carnegie Melon)
Tuesday, July 12, 2022		
7pm	Utilizing Single-Cell Transcriptomics Analysis To Understand the Unique Microenvironment of Leptomeningeal Metastasis	Inna Smalley (Moffitt Cancer Center)
Wednesday, July 13, 2022		
7pm	Heavy Metal Neuroscience: Tracking Neural Development With Single-Cell Mass Cytometry	Eli Zunder (University of Virginia)