

Single Cell Analysis of Lung Biology



Wednesday September 2, 2020

11:30 AM – 2:15 PM

NOTE: We have decided to make the seminar virtual due to the events surrounding COVID-19. Register today to participate in this virtual seminar.

Registration: <https://bit.ly/2E9z7YA>

Agenda		
11:30 – 11:45 AM	Welcome & Introduction to 10x Genomics	Michael Bronson, PhD Sales Executive, CT, NYC, 10x Genomics
11:45 – 12:00 PM	Improving Our Understanding and Treatment of Lung Diseases Using Detailed Atlas of Cellular Changes	Naftali Kaminski, MD Boehringer-Ingelheim Endowed Professor of Internal Medicine Chief of Pulmonary, Critical Care & Sleep Medicine Department of Medicine Yale School of Medicine 
12:00 – 12:30 PM	Single Cell Transcriptional Archetypes of Airway Inflammation in Cystic Fibrosis	Clemente J Britto, MD Assistant Professor of Medicine Adult Cystic Fibrosis Program Center for Pulmonary Infection Research and Treatment (CPIRT) Section of Pulmonary, Critical Care & Sleep Medicine Department of Internal Medicine Yale School of Medicine 



12:30 – 1:00 PM	Characterization of Sputum Single Cell Transcriptomes in Asthma	<p>Dr. Xiting Yan Assistant Professor of Pulmonary and Biostatistics Yale School of Medicine</p> 
1:00 – 1:30 PM	Single-Cell Omics Reveals Dyssynchrony of the Innate and Adaptive Immune System in Progressive COVID-19	<p>Avraham Unterman, MD, MBA Instructor, Section of Pulmonary, Critical Care, and Sleep Medicine, Department of Medicine, Yale School of Medicine</p> 
1:30 – 2:00 PM	Pulmonary Endothelial scRNAseq Atlas	<p>Jonas Schupp, MD Physician and Postdoctoral Research Association in Pulmonary, Critical Care, and Sleep Medicine Yale School of Medicine</p> 
2:00 – 2:15 PM	Closing Address	<p>Michael Bronson, PhD Sales Executive, CT, NYC, 10x Genomics</p>