



VIRTUAL MEETING AGENDA

Monday, March 1, 2021 (Morning)

SESSION I:

Eric Green, Director, National Human Genome Research Institute (NHGRI), Session Chair

10:00 a.m. – 10:20 a.m.	Bert Vogelstein, Co-Director of the Ludwig Center at the Johns Hopkins Kimmel Cancer Center and an Investigator, Howard Hughes Medical Institute
10:20 a.m. – 10:25 a.m.	<i>Live Q&A</i>
10:30 a.m. – 10:50 a.m.	Catherine Brownstein, Harvard Medical School and Boston Children’s Hospital
10:50 a.m. – 10:55 a.m.	<i>Live Q&A</i>
11:00 a.m. – 11:20 a.m.	Josh Denny, Chief Executive Officer of the National Institutes of Health’s <i>All of Us</i> Research Program
11:20 a.m. – 11:25 a.m.	<i>Live Q&A</i>
11:30 p.m. – 11:45 p.m.	*Alex Swarbrick, Garvan Institute of Medical Research <i>“A Multi-omic single cell and spatial atlas of breast cancer reveals stromal suppression of anti-cancer immunity”</i>
11:45 p.m. – 12:00 p.m.	*Dylan Swarbrick, Massachusetts Institute of Technology <i>“Robust decomposition of cell type mixtures in spatial transcriptomics”</i>
12:00 p.m. – 12:30 p.m.	Lunch and Exhibits/Virtual Lab

Monday, March 1, 2021 (Afternoon)

SESSION II:

Beth Shapiro, University of California, Santa Cruz, Session Chair

12:30 p.m. – 12:50 p.m.	Eddie Holmes, University of Sydney and Sydney Medical School
12:50 p.m. – 12:55 p.m.	<i>Live Q&A</i>
1:00 p.m. – 1:20 p.m.	Cheryl Hayashi, Curator, Professor and Director of Comparative Biology Research, American Museum of Natural History
1:20 p.m. – 1:25 p.m.	<i>Live Q&A</i>
Major Sponsor Workshops	
1:30 p.m. – 2:15 p.m.	NanoString Gold Workshop
2:15 p.m. – 2:40 p.m.	New England Biolabs Silver Workshop
2:45 p.m. – 3:10 p.m.	Twist Bioscience Silver Workshop
3:15 p.m. – 4:40 p.m.	Beckman Coulter Silver Workshop
4:40 p.m. – 6:00 p.m.	Posters

Tuesday, March 2, 2021 (Morning)

SESSION III:

Kim Doheny, Johns Hopkins University School of Medicine, Session Chair

10:00 a.m. – 10:20 a.m.	Gregg Semenza, Johns Hopkins School of Medicine
10:20 a.m. – 10:25 a.m.	<i>Live Q&A</i>
10:30 a.m. – 10:50 a.m.	Eimear Kenny, Icahn School of Medicine at Mount Sinai
10:50 a.m. – 10:55 a.m.	<i>Live Q&A</i>
11:00 a.m. – 11:20 a.m.	TBD

11:20 a.m. – 11:25 a.m.	<i>Live Q&A</i>
11:30 a.m. – 11:45 a.m.	*Jason Klein, University of Washington <i>“A systematic evaluation of the design and context dependencies of massively parallel reporter assays”</i>
11:45 a.m. – 12:00 p.m.	*Andrew Yang, Department of Neurology, Stanford University <i>“A Spatial Transcriptome Atlas of the Human Brain Vasculature in Alzheimer’s Disease”</i>
12:00 p.m. – 12:30 p.m.	Lunch and Exhibits/Virtual Lab

Tuesday, March 2, 2021 (Afternoon)

SESSION IV:

John McPherson, University of California, Davis, Session Chair

12:30 p.m. – 12:50 p.m.	Jef Boeke, Founding Director of the Institute for Systems Genetics at New York University Langone Medical Center
12:50 p.m. – 12:55 p.m.	<i>Live Q&A</i>
1:00 p.m. – 1:20 p.m.	Neville Sanjana, New York Genome Center and New York University
1:20 p.m. – 1:25 p.m.	<i>Live Q&A</i>
Bronze Sponsor Talks	
1:30 p.m. – 1:50 p.m.	PacBio
1:50 p.m. – 2:10 p.m.	Qiagen
2:10 p.m. – 2:30 p.m.	10X
2:30 p.m. – 2:45 p.m.	Vizgen
2:45 p.m. – 3:00 p.m.	DNA Script
3:00 p.m. – 3:45 p.m.	On Ramp
3:45 p.m. – 4:00 p.m.	Codexis
4:00 p.m. – 5:30 p.m.	Posters

Wednesday, March 3, 2021 (Morning)

SESSION V:

Martin Hirst, University of British Columbia, Session Chair

10:00 a.m. – 10:20 a.m.	Samantha Morris, Washington University School of Medicine
10:20 a.m. – 10:25 a.m.	<i>Live Q&A</i>
10:30 a.m. – 10:50 a.m.	John Greally, Albert Einstein College of Medicine and New York Genome Center
10:50 a.m. – 10:55 a.m.	<i>Live Q&A</i>
11:00 a.m. – 11:20 a.m.	Detlev Arendt, European Molecular Biology Laboratory (EMBL)
11:20 a.m. – 11:25 a.m.	<i>Live Q&A</i>
11:30 p.m. – 12:00 p.m.	Flash Talks-Highlighted abstract selected by our Scientific Organizing Committee
12:00 p.m. – 12:30 p.m.	Lunch and Exhibits/Virtual Lab

Wednesday, March 3, 2021 (Afternoon)

SESSION VI:

Stacey Gabriel, Broad Institute of MIT and Harvard, Session Chair

Bronze Sponsor Talks	
12:30 p.m. – 12:50 p.m.	Jin Billy Li, Stanford
12:50 p.m. – 12:55 p.m.	<i>Live Q&A</i>
1:00 p.m. – 1:15 p.m.	*Chris Mason, Weill Cornell Medicine “High-plex spatial profiling of COVID-19 lung tissue reveals alterations in interferon signaling associated with high COVID infection distinct from Influenza infection”

1:15 p.m. – 1:30 p.m.	*Jinyue Liu, Genome Institute of Singapore “Integrative analysis of single-cell transcriptomics with multiplexed RNA imaging for mapping autism pathophysiology”
Bronze Sponsor Talks	
1:30 p.m. – 1:45 p.m.	Perkin Elmer
1:45 p.m. – 2:00 p.m.	Rebus
2:00 p.m. – 2:15 p.m.	Illumina
2:15 p.m. – 2:30 p.m.	IDT
2:30 p.m. – 2:45 p.m.	Twinstrand

SESSION VII:
Late Breaking

Bronze Sponsor Talks	
2:45 p.m. – 3:00 p.m.	TBD
3:00 p.m. – 3:15 p.m.	TBD
3:15 p.m. – 3:30 p.m.	TBD
3:30 p.m. – 3:45 p.m.	TBD
3:45 p.m. – 4:00 p.m.	TBD