

Eighth Annual SEASR Meeting [Virtual]

Thursday-Friday, June 10-11, 2021

[Meeting Registration Link](#)

The scientific portion of the sessions will be recorded

Session	Time	Speaker	Title
Keynote Session (June 10, 8:45-11 am)			
Welcome and Opening Remarks	8:45-9:00 am	Dr. Thayumana Somasundaram Florida State University, FL President, SEASR	Welcome Address
		Ken Schoppmann , Executive Director, ABRF	Opening Remarks
Precision Immuno-Oncology	9:00-9:40 am	Dr. Timothy Chan Cleveland Clinic, OH	How T-Cells Recognize Tumor Cells
	9:45-9:55 am	Platinum Sponsor Spotlight: Illumina	Enhance your Core's Business
Vaccine Development and Deployment	10:00-10:40 am	Dr. Carlos Del Rio Emory University, GA	Developing and Deploying Vaccines at Pandemic Speed
	10:45-10:55 am	Platinum Sponsor Spotlight: Nanostring	What's New In Spatial Biology
Keynote Session (June 10, 1-2 pm)			
Mass Spectrometry	1:00-1:40 pm	Dr. Richard Yost University of Florida, FL	Mass Spectrometric Innovations for Translational and Clinical Research
	1:45-1:55 pm	Platinum Sponsor Spotlight: Agilent	Helping Your Lab Implement Social Distancing Through Instrument Scheduling
Concurrent Sessions (June 10, 2-3:30 pm) Three sessions will run simultaneously			
Concurrent Session 1			
Leadership and Building Bridges	2:00-2:30 pm	Dr. Marti Head Oak Ridge National Laboratory, TN	Networks of Connectivity to Expand Your Opportunity Space
	2:35-2:40 pm	Gold Sponsor Spotlight: MetaSystems	Innovative and Versatile Imaging Solutions
	2:40-3:10 pm	Dr. Kimberly Kerstann Emory University, GA	Academic Leadership: Up, Down, Out, and In
	3:10-3:15 pm	Gold Sponsor Spotlight: Millipore Sigma	Innovative Immunoassay Platforms from MilliporeSigma
Concurrent Session 2			
Genomics	2:00-2:30 pm	Dr. David A. Wheeler St. Jude Children's Research Hospital, TN	Exceptional Responders: Inferences from N of 1 Experiments
	2:35-2:40 pm	Gold Sponsor Spotlight: Bionano	Optical Genome Mapping: The Key to Structural Variation Detection
	2:40-3:10 pm	Dr. Shawn Levy Hudson Alpha, AL	Long read population genomics and forensics; unique applications and challenges in sequencing
	3:10-3:15 pm	Gold Sponsor Spotlight: Covaris	Using Covaris AFA® Technology to Automate your Genomic and Proteomics Workflows
Concurrent Session 3			
Gene Editing	2:00-2:30 pm	Dr. Hong Li	

Session	Time	Speaker	Title
		Florida State University, FL	Mechanisms and Applications of CRISPR-Cas Enzymes
	2:35-2:40 pm	Gold Sponsor Spotlight: Qiagen	High-performance digital PCR and NGS solutions for SARS-CoV-2 detection and genomic surveillance
	2:40-3:10 pm	Dr. Shondra Pruett-Miller St. Jude Children's Research Hospital, TN	How to Create a Highly Efficient Genome Editing Shared Resource
	3:10-3:15 pm	Gold Sponsor Spotlight: PerkinElmer	Innovating For High Throughput NGS
Keynote Session (June 11, 9-11 am)			
Diversity and Inclusion	9:00-9:40 am	Dr. Tristen Brenae Johnson Moffitt, FL	The Importance of Culturally Competent Healthcare
	9:45-9:55 am	Platinum Sponsor Spotlight: Twist	Leading the way in target enrichment: Exceptional performance, improved efficiency and rapid customization of targeted methylation sequencing
Flow Cytometry	10:00-10:40 am	Dr. Pratip Chattopadhyay New York University, NY	Precision Immunology through Deeper, Single-Cell Profiling: New Approaches, New Insight
	10:45-10:55 am	Platinum Sponsor Spotlight: 10X Genomics	Cytometry at true resolution: Resolving complex biology with single cell multiomics
Closing Remarks	11:00-11:15 am	Dr. Tiffany N. Seagroves , UTHSC, Memphis, TN, Incoming President, SEASR	Thank you and Introduction of 3 new EB members