

# BIOT Events

# ACS Events

All times EDT	Sunday 8/22	Monday 8/23	Tuesday 8/24	Wednesday 8/25	Thursday 8/26
8:00-10:00 AM	N/A	N/A	930-1025: Business/Future Programming	930-1025: Breakfast of Champions: Inscripta	N/A
10:30 AM-12:30 PM, Virtual 1	Advances in Chromatographic Separations for mAbs	Non-Chromatography Based Separation of Biomolecules: mAbs	Case Studies in Tech Transfer, Scaleup, & Integrated Process Design (Keynote)	Advances in Process Analytical Technologies for Measurement & Control	Downstream Processing of Novel Antibody Structures and Other Modalities
	Advances in Protein Engineering 1	Microbial Metabolic Engineering: Bacterial Hosts	New Biomolecular Tools for Microbial Metabolic Engineering	Process Development and Reactor Engineering	Emerging Biophysical & Analytical Characterization Technologies (Keynote)
	Novel approaches to diagnose and study disease	Advances in Protein Engineering 2 (Keynote)	Protein Structure & Function	Challenges in Developing Novel Modalities	Cell and Gene Therapy: T Cell Focus (Keynote)
	N/A	N/A	New Technologies in Cell & Microbiome Engineering and Stem Cell Therapy	Big Data in Discovery & Development of Biopharmaceuticals (Keynote)	N/A
12:30-1:15 PM	N/A	Lunch and Learn: Cytiva	Lunch and Learn: Bio Rad	Lunch and Learn: 3M	Lunch and Learn: Thermo
1:20-2:00 PM	Van Lanen Service Award; Young Investigator Award Talk	Peterson Award; Marvin J. Johnson Award Talk	Young Professionals Award; Alan S. Michaels Award Talk	How to Combat Implicit Biases in Organizations	N/A
2:00-4:00 PM, Virtual 2	Advances in Chromatographic Separations beyond mAbs 1	Non-Chromatography Based Separation of Biomolecules	Membrane-Based Downstream Bioprocessing	Downstream Processing of Non-Antibody Modalities; session A	Cell and Gene Therapy: AAV Focus
	Enzyme Engineering & Biocatalysis	Microbial Metabolic Engineering: Eukaryotic Hosts	High-Throughput Screening & Automation	Synthetic Biology & Genome Engineering	Implementation: It's Happening! (Keynote)
	Unique Metamaterials for Imaging and Diagnostics Applications	New Technologies for the Delivery & Targeting of Therapeutics (Keynote)	Advances in Process Development & Manufacturing of Biologic Drug Products	Biotechnology & Bioengineering Awards: Wang: Benjamin Woolston and Gaden: Andre Palmer	Formulation Strategies & Novel Routes of Administration
	N/A	N/A	COVID Vaccines - From Discovery to the Fastest Vaccine Development in History (Keynote)	N/A	N/A
4:00-4:30 PM	N/A	N/A	N/A	N/A	ESBES competition networking
4:30-6:30 PM, Virtual 3	Advances in Chromatographic Separations beyond mAbs 2	Membrane-Based Downstream Bioprocessing	In Silico & Mechanistic Modeling of Downstream Bioseparations	Downstream Processing of Non-Antibody Modalities	Cell and Gene Therapy Session IV: Lentiviral Vector Focus
	Systems Biology & Omics-Tools & Applications	Engineering Microbial Communities & Non-Model Systems (Keynote)	Advances in Cell Culture Media and Novel Modalities (Keynote)	Advances in Integrated Unit Operations Automation, Control and PAT	Integrated and Continuous Upstream and Downstream Processing (Keynote)
	Protein Engineering Application in Therapeutics, Diagnostics & Sensors	Biosensors & Probes for Medical Diagnostics	Protein Developability, Physical and Chemical Stability	Cell and Gene Therapy: Development & Manufacturing of Cell Therapy Products (Keynote)	Inter-Molecular and Protein Interactions
	N/A	N/A	COVID Therapeutics - From Discovery to Super-Accelerated CMC Development	N/A	
6:30-7:00 PM	N/A	N/A	N/A	N/A	N/A
7:00-9:00 PM, Virtual 4	David Perlmán Award Talk BIOT Reception	BIOTank( 7-8)	In Silico & Mechanistic Modeling of Downstream Bioseparations	Posters	Student Networking (7-8:30)
			Protein Aggregation & Immunogenicity		
			COVID-19 Diagnostics & Detection - Technologies, Challenges & the Scale-Up of Testing		
			Synthetic Biology & Genome Engineering		

Big Data	Biomedical	Biomolecular & Biophysical Processes	Cell and Gene Therapy	COVID
Downstream Processing	Integrated and Continuous Processing	Protein Engineering	Upstream Processing	
Award Talks	Other events			