

All times PDT	Sunday 3/20	Monday 3/21	Tuesday 3/22	Wednesday 3/23	Thursday 3/24		
8:00 AM-12:00 PM	Pacific Ballroom (Sec. 22)	COVID-19 Vaccine Development, Therapies, and Diagnostics	Emerging Leaders and Emerging Topics in BIOT (Keynotes and Coffee with Emerging Leaders)	Chromatographic Separations of Novel Antibody Structures and Drug Conjugates	Spotlight on Integrated and Continuous Manufacturing (Keynote and Industrial Biotechnology Award)	Machine Learning & Discovery II	
	Pacific Ballroom (Sec. 21)	Development and Manufacturing of Gene Therapy and Viral Vector Products	Engineering Microbes and Microbial Communities I	Spotlight on Biomedical Technologies (Keynote, Peterson Awards, and David Perlman Memorial Lecture)	New Technologies in Protein Engineering	Spotlight on Downstream Processing (Keynotes)	
	Pacific Ballroom (Sec. 19)	Emerging Biophysical & Analytical Characterization Technologies	Novel Cell & Gene Therapy Technologies	Integrated and Continuous Manufacturing: Automation, Control and PAT	New Technologies in Cell & Microbiome Engineering	Imaging, Diagnostics, and Other Integrative Approaches to Study and Model Diseases	
	Pacific Ballroom (Sec. 18)	Mammalian: Media and Metabolism	Downstream Processing of Non-Antibody Modalities	Synthetic Biology & Genome Engineering	Membrane-Based Downstream Bioprocessing	Protein Engineering for Diagnostics and Biosensing Applications	
10:00 AM-2:00 PM	Virtual (Zoom)	In Silico & Mechanistic Modeling of Downstream Bioprocesses	Biomolecular Engineering and Biophysical Processes I	Biomolecular Engineering and Biophysical Processes II	Taste of BIOT (Keynote)	N/A	
12:00-2:00 PM	N/A	Round Table Discussions <i>Grand Ballroom Sec 9</i>	Lunch-and-Learn with Cytiva, <i>Pacific Ballroom Sec 8 (12:30 - 1:30)</i>	Lunch-and-Learn with Biorad, <i>Rancho Santa Fe 2 (12 - 1)</i> Future Program Meeting <i>Presidio (1 - 2)</i>	Bio Design-A-Thon <i>Grand Ballroom Sec 8</i>	Lunch-and-Learn with 3M, <i>Pacific Ballroom Sec. 8 (12:30 - 1:30)</i> Diversity Workshop <i>Grand Ballroom Sec 9</i>	N/A
2:00-6:00 PM	Pacific Ballroom (Sec. 22)	Designing and Manufacturing the Biological Therapies of Tomorrow	Spotlight on Cell & Gene Therapy (B&B Gaden Award and BIOT Young Investigator Award)	Spotlight on Biomolecular Engineering & Biophysical Processes (Keynote and Marvin Johnson Award)	Protein Structure & Function (Keynote)		
	Pacific Ballroom (Sec. 21)	Spotlight on Upstream Processes (Keynote plus Van Lanen and DIC Wang Awards)	Engineering Microbes and Microbial Communities II	Advances in Chromatographic Separations for mAbs	Stem Cell Therapy and Regenerative Medicine		
	Pacific Ballroom (Sec. 18)	Enzyme Engineering for Biocatalysis	Chromatographic Separations Using Novel Stationary Phases	Innovative Technologies and Next-Generation Therapeutics	Machine Learning & Discovery I		
	Pacific Ballroom (Sec. 19)	Case Studies in Tech Transfer, Scaleup, Integrated Process Design, & PAT	Protein Engineering for Therapeutics	New Technologies for the Delivery & Targeting of Therapeutics	Case Studies and Advances in Upstream Process Development & Manufacturing		
3:00-6:20 PM	Virtual (Zoom)	N/A	Designing and Manufacturing the Biological Therapies of Tomorrow II	N/A	Taste of BIOT		
6:00-9:00 PM	BIOT Reception <i>Lou & Mickey's</i>	Kavli Emerging Leader Lecture <i>SDCC 6AB (6 - 7 pm)</i>	Student Networking <i>Grand Ballroom Sec 8</i>	N/A	BIOT Tank <i>Presidio (6 - 8 pm)</i>		
		BioDesign-A-Thon Competition <i>Grand Ballroom Sec 8</i>		In-Person Poster Session (7 - 9 pm)	Virtual Poster Session (7 - 9 pm)		
Other Events	N/A	ExComm Meeting (by invitation)	Awards Dinner (by invitation)	Program Chair Lunch (by invitation)			

Big Data, Knowledge Management, and AI	Biomedical Technologies	Biomolecular Engineering & Biophysical Processes	Cell and Gene Therapy
Downstream Processing	Integrated and Continuous Processing	Upstream Processing	Emerging Topics and Emerging Leaders
Other events	Sessions in bolded rooms will also be available remotely		