


Event at a Glance

	Monday - Tuesday August 15 - 16	Wednesday - Thursday AM August 17 - 18	Thursday PM - Friday August 18 - 19
STREAM #1 Upstream Processing	Optimizing Cell Culture Technology	Bioproduction: Scale, Bioreactors & Disposables	Optimizing Cell Line Development
STREAM #2 Downstream Processing	Continuous Processing in Biopharm Manufacturing	Advances in Purification Technologies	Virus & Pathogen Clearance & Safety in Biologics
STREAM #3 Analytical & Quality	Host Cell Proteins: Detection, Analysis & Removal	Early Analytical Development for Biotherapeutics	Process Characterization, Qualification & Control
STREAM #4 Formulation & Stability	Rapid Methods to Assess Quality & Stability of Biologics	Overcoming Formulation Challenges	High-Concentration Protein Formulations
STREAM #5 Cell & Gene Therapy Production	Cell Therapy CMC, Quality & Analytics	Cell Therapy Bioproduction, Operations & Logistics	Gene Therapy Bioproduction
	Manufacturing & CMC Strategies for Biologics		
	Introduction to Bioprocessing	Current & Emerging Global Regulatory Expectations for Analytical Elements of Biotechnology/Biosimilar Products	Introduction to Analytical Method Development & Validation for Therapeutic Proteins
	Introduction to Extractables & Leachables & Packaging	Introduction to Cell Culture	Introduction to Downstream Processing
	Identifying & Managing Risk during Development, Scale-Up, & Validation of Biological Processes		
	SHORT COURSES Monday, August 15	DINNER SHORT COURSES Tuesday, August 16	DINNER SHORT COURSES Thursday, August 18