

Event at a Glance

2017 STREAMS

	Monday - Tuesday August 21-22	Wednesday - Thursday AM August 23-24	Thursday PM - Friday August 24-25
Upstream Processing	Optimizing Cell Culture Technology	Bioproduction: Scale, Bioreactors & Disposables	Optimizing Cell Line Development
Downstream Processing	Continuous Processing in Biopharm Manufacturing*	Advances in Purification Technologies	Virus & Pathogen Clearance & Safety in Biologics
Analytical & Quality	Host Cell Proteins: Detection, Analysis & Removal	Early Analytical Development for Biotherapeutics	Process Characterization & Control
Formulation & Stability	Rapid Methods to Assess Quality & Stability of Biologics	High-Concentration Protein Formulations	Introduction to Biologics Formulation & Delivery**
	Overcoming Formulation Challenges for Biopharmaceutical Development		
Cell Therapy	Cell Therapy CMC, Quality & Analytics	Cell Therapy Manufacturing, Operations & Logistics	
Gene Therapy		Gene Therapy CMC & Analytics	Gene Therapy Bioproduction
Manufacturing	Continuous Processing in Biopharm Manufacturing*	Manufacturing Efficiencies & Process Improvement	CMC Strategies for Antibody-Drug Conjugates
	Introduction to Bioprocessing	Introduction to Cell Culture	Introduction to Analytical Method Development & Validation for Therapeutic Proteins
	Introduction to Extractables & Leachables & Packaging	Pharmaceutical Biotechnology Discovery: From Antibody Engineering to Gene Therapy	Introduction to Downstream Processing
	Regulatory Requirements across the Product Development Lifecycle		Introduction to Biologics Formulation & Delivery
	Basic Technologies in a Protein Production Lab		Flexible Facilities for Process Development
	SHORT COURSES Monday, August 21	DINNER SHORT COURSES Tuesday, August 22	DINNER SHORT COURSES Thursday, August 24

* Streams 2 & 7; ** Training Seminar