

Event at a Glance

2018 STREAMS

	Monday - Tuesday August 13-14	Wednesday - Thursday AM August 15-16	Thursday PM - Friday August 16-17
Upstream Processing	Optimizing Cell Culture Technology	Bioproduction: Scale, Bioreactors & Disposables	Optimizing Cell Line Development
Downstream Processing	Continuous Processing in Biopharm Manufacturing*	Advances in Purification & Recovery	Detection, Characterization and Control of Impurities in Biologics [†]
Analytical & Quality	Host Cell Proteins	Accelerating Analytical Development	Process Characterization and Control
Formulation & Stability	Rapid Methods to Assess Quality & Stability of Biologics	High-Concentration Protein Formulations	Detection, Characterization and Control of Impurities in Biologics [†]
	Overcoming Formulation Challenges for Biopharmaceuticals Development		
Cell Therapy	Cell Therapy CMC and Analytics	Cell Therapy Manufacturing	
Gene Therapy		Gene Therapy CMC and Analytics	Gene Therapy Bioproduction
Manufacturing	Continuous Processing in Biopharm Manufacturing*	Manufacturing 4.0	
	Introduction to Bioprocessing	Introduction to Cell Culture	Introduction to Downstream Processing
	Regulatory Requirements across the Product Development Lifecycle	Pharmaceutical Biotechnology Discovery: From Antibody Engineering to Gene Therapy	Introduction to Analytical Method Development and Validation for Therapeutic Proteins
	Introduction to working with CMOs and CROs	The Business of Bioprocessing	Introduction to Biologics Formulation and Delivery
	Introduction to Biological Assays	Moving from Batch to Continuous – a Practical Guide	Designing Flexible Facilities for Bioprocess Development and Manufacturing
	TBD		
	SHORT COURSES Monday, August 13	DINNER SHORT COURSES Tuesday, August 14	DINNER SHORT COURSES Thursday, August 16

* Streams 2 & 7; [†]Streams 2 & 4