36th Downstream Processing

Version V1.0

Summer 2023

TIME	Monday, July 17	Tuesday, July 18	Wednesday, July 19	Thursday, July 20	Friday, July 21
9:00-9:30	Introduction - *Cooney*	Chromatography Fundamentals Part 1 - *Cramer*	DSP for Advanced Therapeutic Medical Products - Cramer	Downstream Processing Case Study - Builder	Team Design Project - *Hamel, Builder* & Cooney
9:30-10:30	Downstream Processing: First Steps - Builder				
10:30-11:00	*Break*	*Break*	*Break*	*Break*	*Break*
11:00-12:00	Introduction to Process Design - *Cooney*	Filtration Fundamentals - *Cooney*	Team Design Project - *Hamel*	Integrated Bioprocessing - Love	Team Design Project - *Hamel, Builder & Cooney*
12:00-12:30	Team Design Project - *Hamel*				
12:30-1:00	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Course Ends*
1:00-2:00	Team Project	Team Project	Team Project	Team Project	
2:00-3:30	Cell Separation and Clarification- *Cooney*	Chromatography Fundamentals part 2 - *Cramer*	Process Validation - *Godavarti*	Virus Clearance in Downstream Process - *Leung*	
3:30-4:00	*Break*	*Break*	*Break*	*Break*	
4:00-5:30	Quality: Beyond Pass or Fail - Sluzky	Bioprocess Design & Economics - Cooney	Quality by Design - *Godavarti*	Future of Bioprocessing - *Love*	
5:30-6:00	*Break*	*Break*	*Discussion on Lesson Learned - Cooney, Builder & Cramer*	*Break*	
6:00-8:00	Reception	*Free Evening*		Reception & Closing Dinner	
8:00-9:00	*Free Evening*				