

39th Downstream Processing – Summer 2025

MIT Building 32 (Stata Center) Room 141					
Time	Monday, July 28 th	Tuesday, July 29 th	Wednesday, July 30 th	Thursday, July 31 st	Friday, August 1 st
09:00 – 09:30	Introduction - Love	Chromatography Fundamentals Part 1 - Cramer	DSP for Advanced Therapeutic Medical Products - Cramer	Downstream Processing Case Study - Builder	Design Project Review - Hamel, Builder, Cooney, & Love
09:30 – 10:30	Downstream Processing: First Steps - Builder				
10:30 – 11:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
11:00 – 12:00	Introduction to Process Design - Cooney	Bioprocess Design & Economics - Love	Team Design Project - Hamel	Virus Clearance in Downstream Process - Leung	Design Project Review - Hamel, Builder & Cooney & Love
12:00 – 12:30	Team Design Project - Hamel				
12:30 – 13:00	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Course Ends</i>
13:00 – 14:00	Team Project	Team Project	Team Project	Team Project	
14:00 – 15:30	Cell Separation & Clarification - Cooney	Chromatography Fundamentals Part 2 - Cramer	Process Validation - Godavarti	Integrated Bioprocessing - Love	
15:30 – 16:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
16:00 – 17:30	Quality: Beyond Pass or Fail – Kris Antonsen	Filtration Fundamentals - Cooney	Quality by Design - Godavarti	Future of Bioprocessing - Love	
17:30 – 18:00	<i>Break</i>	<i>Break</i>	Discussion on Lessons Learned - Cooney, Builder, Cramer & Love	<i>Break</i>	
18:00 – 20:00	Reception	Free Evening		Reception & Closing Dinner	
20:00 – 21:00	Free Evening				