

# 36th Downstream Processing

V21.0 Nov 2021:

Summer 2022

TIME	Monday, July 18	Tuesday, July 19	Wednesday, July 20	Thursday, July 21	Friday, July 22
9:00-9:30	Introduction - <i>Cooney</i>	Chromatography Fundamentals- <i>Cramer</i>	DSP for Advanced Therapeutic Medical Prroducts - <i>Cramer &amp; Cooney</i>	Virus Clearance in Downstream Process of Cell Culture Based Therapeutics - <i>Leung</i>	Team Design Project - <i>Hamel &amp; Cooney</i>
9:30-10:30	Downstream Processing: Overview - <i>Cooney</i>				
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 - <i>Cooney</i>	Filtration Fundamentals - <i>Cooney</i>	Team Design Project - <i>Hamel</i>	Process Validation - <i>Godavarti</i>	Team Design Project - <i>Hamel &amp; Cooney</i>
12:00-12:30	Team Design Project - <i>Hamel</i>				
12:30-1:00	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Course Ends</i>
1:00-2:00	Team Project	Team Project	Team Project	Team Project	
2:00-3:30	Cell Separation and Clarification- <i>Cooney</i>	Chromatography Fundamentals - <i>Cramer</i>	Integrated Bioprocessing - <i>Love</i>	Quality by Design - <i>Godavarti</i>	
3:30-4:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
4:00-5:30	Quality: Beyond Pass or Fail - <i>Baffi &amp; Sluzky</i>	Filtration Fundamentals - <i>Cooney</i>	Bioprocess Design, Simulation & Economics -	Future of Bioprocessing - <i>Love</i>	
5:30-6:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
6:00-8:00	Reception	<i>Free Evening</i>		Reception & Closing Dinner	
8:00-9:00	<i>Free Evening</i>				

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