

## Formulation and Stabilization of Biotherapeutics June 5-8, 2023



Time	Day 1	Day 2	Day 3	Day 4
900	1. Introduction and course goals 2. Physical Instability Trout	6. Liquid Formulation Development Manning	10. Regulatory Considerations Cieslak	14. Specialized Formulations I s.c. delivery non-parenteral Manning
915				
930				
945				
1000	3. Viscosity and Chemical Instability pt. 1 Trout	7. HC Liquid Formulation Development Manning	12. Frozen/Dried Form. Dev. Manning	15. Specialized Formulations II Vaccines/PEGylation Co-formulation/ADCs Manning
1015				
1030				
1045				
1100	LUNCH	LUNCH	LUNCH	16. Oligonucleotide-Based Therapeutics Trout
1115				
1130				
1145				
1200	4. Chemical Instability pt. 2 Trout	8. Analytical Methods: Aggregation Manning	11. Stability during Bioprocessing Manning	17. Machine Learning/Predictive Tools Lai/Trout
1215				
1230				
1245				
1300	5. Colloidal and Conformational Aspects of Stability Trout	9. Packaging Considerations Manning	13. Peptide Formulations Manning	
1315				
1330				
1345				
1400	Breakout Session 1 Topic 1	Breakout Session 2 Topic 2	Session 3 Marketed Formulations Interactive Discussion	
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