



Agenda

Mini-BIOMAN 2017: Single-Use Technology in Biomanufacturing

July 25-27, 2017

Quincy College, Quincy, Massachusetts

Hosted by: Bruce Van Dyke, Chair, Biotechnology and Good Manufacturing Practice

Day 1	7:00-8:15 AM	Breakfast at hotel
Tuesday		Meet in lobby at 8:15 AM for transportation to Quincy College (QC)
July 25		
	8:30 AM	Welcome and Conference Overview <ul style="list-style-type: none"> • Introductions • Overview of NBC2 — Dr. Maggie Bryans, Principal Investigator NBC2 • Review Agenda – Bruce Van Dyke
	8:45 AM	Lecture 1: <ul style="list-style-type: none"> • Introduction to Disposable Manufacturing
	9:15 AM	Hands-on Lab: <ul style="list-style-type: none"> • Sterile Welding • Transferring Culture from Shake Flask to Wave Bioreactor • Sampling
	12:00 PM	Lunch: Presentation by Maurizio Cattaneo, Founder, Bioevolutions (CMO), Continuous Manufacturing Consultant (MIT)
	1:00 PM	Leave for Industry Tour: MassBiologics, Mattapan, MA <i>Transportation Provided</i>
	4:30 PM	Adjourn Return to hotel

Day 2	7:00-8:15 AM	Breakfast at hotel
Wednesday		Meet in lobby at 8:15 AM for transportation to QC
July 26		
	8:30 AM	Lecture 2: <ul style="list-style-type: none"> • Introduction to the XDR-10 Bioreactor
	9 AM	Hands-on Lab: <ul style="list-style-type: none"> • Loading and Inflating XDR-10 Bioreactor Bag • Autoclaving and Installing Probes



- 12:00 PM Lunch: Presentation by Geoffrey Hodge, Chief Technical Officer, Unum Therapeutics (Co-Founder, XCellerex)
- 1:30 PM Hands-On Lab:
- Calibrating Pumps
 - Transferring Media to XDR-10 Bioreactor Bag
- 4:30 PM Adjourn
Return to hotel

**Day 3
Thursday
July 27**

- 7:00-8:15 AM Breakfast at hotel
Meet in lobby at 8:15 AM for transportation to QC
- 8:30 AM Hands-on Lab:
- Programming XDR-10 Bioreactor Software
 - Inoculating XDR-10 Bioreactor Bag
- 12:00 PM Lunch: Presentation by Sara Bell, Single-Use Field Marketing Group Leader, MilliporeSigma
- 1:00 PM Hands-on Lab:
- Sampling
- 3:00 PM Lecture 3:
- Harvesting Using the Sci-Log System
- 4:00 PM Adjourn