

Department of Labor Center of Excellence in Biomanufacturing
 Northeast Summer Workshop 2005
 Large-Scale Biopharmaceutical Production
 WORKSHOP SCHEDULE

Time	Monday, Aug 1st	Tuesday, Aug 2nd	Wednesday, Aug 3rd	Thursday, Aug 4th	Friday, Aug 5th
8:00 AM	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
8:30-9:30 AM	Benchtop to Bottle Sonia Wallman	Filtration and Membrane Integrity Testing Deb Audino	Downstream Processing Kathleen Grant	QC Biochemistry Kathleen Grant	LAB: ELISA Activity Assay T ₂ Time Point Bioreactor Data
9:30-10:00 AM	Quality Assurance Deb Audino	FDA Inspection and FDA 101 Mary Yebba-FDA and FDA Inspector			
10:00-10:30 AM	cGMP Popcorn Exercise Deb Audino				
10:30-11:30 AM			QC Microbiology and Environmental Monitoring Deb Audino		
11:30-12:00 PM					Data Analysis
12:00-1:00 PM	Lunch	Lunch	Lunch	Lunch	Lunch
1:00-2:00 PM	Upstream Processing Deb Audino	Validation Overview Rich Yeaton	LAB: Inoculate Bioreactors T ₀ Sample tPA Purification and LAL Assay	LAB: HPLC Demonstration and SDS PAGE Staining	Evaluation and Prizes
2:00-2:30 PM	Bioreactors: Design and Operation Sean Eicher and Darrell-Applikon	LAB: Tangential Flow Filtration (TFF); Prepare Bioreactors for Inoculation		Processing @ EUROFLOW Large Scale Column Packing/HETP	TOUR of LONZA
2:30-3:00 PM					
3:00-3:30 PM					
3:30-5:00 PM	LAB: Set Up Bioreactors		5:00 Dinner at Redhook		

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August 1-5, 2005