

Biomanufacturing Overview and Bacterial systems

Friday, Dec 4, 2020
10:00 am – 3:30 pm CST

10:00 – 10:30	Linnea Fletcher Department Chair, Biotechnology Executive Director, AC2 Bio-Link Regional Center and InnovATEBIO National Center, Austin Community College	Welcome and Introductions
10:30 – 11:15	Jim DeKloe Professor, director and founder of the Industrial Biotechnology program, Solano College.	Bio-Manufacturing overview Quality Systems - Basics QA/ QC / Validation
11:15 – 11:30	Break / Discussions	
11:30 – 12:15	Jim DeKloe Professor, director and founder of the Industrial Biotechnology program, Solano College.	Protein structure – what do students need to know about proteins as a product
12:15 – 12:30	Break / Discussions	
12:30 - 1:15	Joseph Kirkpatrick fermentation specialist, The MSU Bio-economy Institute	Aseptic processing / Bioreactors
1:15 – 2:15	Isso Bayala Instructor of Biotechnology Good Manufacturing Practice & Chromatography Quincy College	Teaching Chromatography Basics
2:15 – 2:30	Break / Discussions	
2:30 – 3:30	Dr. Dennis Gross CEO of the Pennsylvania Drug Discovery Institute	Case study : Overview on COVID 19 Vaccines
3:30 pm	Adjourn	

Saturday, Dec 5, 2020 10:00 am – 4:00 pm CST		
10:00 – 10:30	Maggie Bryans Professor and Coordinator of the Biotechnology Program Montgomery County Community College	Day 1 Recap and Available Online resources
10:30 – 11:20	Isso Bayala Instructor of Biotechnology Good Manufacturing Practice & Chromatography Quincy College.	Bacterial production Comparing GFP to other proteins
11:20 – 11:30	Break / Discussions	
11:30 – 12:30	Rob Hatherill and Daisy Zhang Professors in the Biology department, Del Mar College	Labs / curricula for High school / Community College Programs, Certifications
12:30 – 1:15	Ying-Tsu Loh Associate Director, Bay Area Bioscience Education Community (BABEC) and faculty, City College San Francisco	Supply chain management
1:15 – 1:30	Break / Discussions	
1:30 - 2:15	Bridgette Kirkpatrick Professor, Biotechnology Program Collin College	Discussion – Adding Biotechnology/ Biomanufacturing to enrich Biology program
2:15 – 3:00	Moderator: Melinda Wilson Professor, Molecular Biotechnology Coordinator/Adviser Science Department, Lansing Community College Alumni Panelists: <ol style="list-style-type: none">1. Marcia McCallum2. Danial Nasr3. Joseph Kirkpatrick4. Amanda Brown	Alumni Panel: How do you adapt to the Biomanufacturing setting?
3:00 – 3:15	Break / Discussions	
3:15 – 4:00	Lisa Seidman Faculty emeritus, Madison Area Technical College	A lively discussion on Math
4:00 pm	Adjourn	