

NTHRYS WORKSHOPS

Advanced Techniques In Bioprocess Engineering

8:45 AM - 10:15 AM: Session 1: Metabolic Engineering

Introduction to metabolic engineering and its applications. Practical demonstration of metabolic pathway optimization for enhanced production.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Process Analytical Technology (PAT)

Overview of PAT in bioprocessing. Hands-on workshop on implementing PAT tools for process monitoring and control.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Scale-Up and Commercialization

Introduction to the principles of scale-up and commercialization.

Practical session on scaling up bioprocesses from lab to industrial scale.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Bioprocess Optimization and Control

Discussion on bioprocess optimization and control strategies. Case studies on optimizing bioprocess parameters for maximum yield and quality.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today. Dialogue on overcoming challenges in adopting new technologies in similar sectors. Feedback session and closing remarks. Certificate Issue

5:30 PM: Workshop Concludes