



NTHRYS WORKSHOPS

Advanced Techniques In Fermentation Technology

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

Introduction to metabolic engineering in fermentation.
Hands-on session on genetic modification of microbes.
Practical demonstration of optimizing metabolic pathways.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Bioprocess Optimization

Exploring techniques for optimizing fermentation processes.
Workshop on using bioreactors and control systems.
Case studies on process optimization in industrial settings.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Fermentation Analytics

Hands-on session on analytical methods in fermentation.
Exploring techniques for monitoring and analyzing fermentation parameters.
Practical applications of analytical tools in fermentation technology.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Innovative Fermentation Technologies

Workshop on emerging technologies in fermentation.
Practical techniques for using novel bioreactors and fermentation systems.
Case studies on innovative applications of fermentation technology.

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