



NTHRYS WORKSHOPS

Advanced Techniques In Industrial Biochemistry

8:45 AM - 10:15 AM: Session 1: Advanced Enzyme Engineering

Introduction to advanced techniques in enzyme engineering.
Hands-on session on enzyme modification and immobilization.
Practical demonstration of advanced enzyme applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Metabolic Engineering

Exploring techniques for metabolic engineering in industrial biochemistry.
Workshop on genetic modification of microorganisms for enhanced production.
Case studies on the applications of metabolic engineering in industry.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bioprocess Optimization

Hands-on session on optimizing bioprocesses for industrial applications.
Exploring techniques for improving yield and efficiency.
Practical applications of bioprocess optimization in industry.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Industrial Scale Production

Workshop on scaling up biochemical processes to industrial scale.
Practical techniques for large-scale production of biochemicals.
Case studies on the challenges and solutions in industrial scale production.

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