



NTHRYS WORKSHOPS

Advanced Techniques In Fuel Biotechnology

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

Introduction to metabolic engineering in biofuel production.
Hands-on session on genetic modification of microorganisms.
Practical demonstration of optimizing metabolic pathways for biofuel production.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Advanced Biofuel Production Techniques

Exploring advanced techniques for producing biofuels.
Workshop on using synthetic biology for biofuel production.
Case studies on the application of advanced methods in biofuel technology.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biofuel Production from Waste

Hands-on session on producing biofuels from waste materials.

Exploring techniques for converting waste to energy.
Practical applications of waste-to-biofuel technologies.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biofuel Process Optimization

Workshop on optimizing biofuel production processes.
Practical techniques for improving yield and efficiency.
Case studies on process optimization in biofuel industry.

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