



NTHRYS WORKSHOPS

Innovations In Fuel Biotechnology

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Biofuel Production

Introduction to emerging technologies for biofuel production.
Hands-on session on using advanced tools and techniques.
Case studies on innovative applications of new technologies in fuel biotechnology.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Synthetic Biology in Biofuel Production

Exploring the role of synthetic biology in fuel biotechnology.
Workshop on designing and constructing synthetic biological systems.
Case studies on the applications of synthetic biology in biofuel technology.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: AI and Machine Learning in Fuel

Biotechnology

Hands-on session on using AI and machine learning for biofuel production.
Exploring predictive models for optimizing biofuel processes.
Case studies on the application of AI in biofuel research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions in Fuel Biotechnology

Discussion on emerging trends and future directions in fuel biotechnology.
Workshop on integrating new technologies in biofuel production.
Case studies on the potential impact of future innovations in fuel biotechnology.

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