



NTHRYS WORKSHOPS

Industrial Microbiology In Environmental Applications

8:45 AM - 10:15 AM: Session 1: Role of Industrial Microbiology in Environmental Applications

Overview of the importance of industrial microbiology in environmental applications.
Hands-on session on bioremediation and waste treatment.
Case studies on the impact of industrial microbiology in environmental research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Bioenergy Production

Exploring techniques for producing bioenergy from microbial processes.
Workshop on using biomass for energy production.
Case studies on the applications of industrial microbiology in bioenergy.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Green Chemistry

Hands-on session on green chemistry principles and practices.
Exploring techniques for developing sustainable biochemical processes.
Practical applications of green chemistry in industrial microbiology.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Waste Valorization

Workshop on converting waste materials into valuable products.
Practical techniques for waste valorization using microbial processes.
Case studies on the role of industrial microbiology in waste management.

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