



NTHRYS WORKSHOPS

Microbial Systems In Industrial Applications

8:45 AM - 10:15 AM: Session 1: Industrial Microbiology and Systems Approaches

Hands-on workshop on industrial microbiology.
Protocols for using systems biology to optimize microbial processes for industrial applications, such as fermentation and bioremediation.

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

Networking and refreshments.

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

Practical session on bioprocess optimization.
Protocols for optimizing microbial systems for increased efficiency in industrial bioprocesses, including enzyme production and waste treatment.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Environmental Bioremediation Using Microbial Systems

Hands-on training on bioremediation.

Protocols for designing and implementing microbial systems for bioremediation of pollutants in industrial settings.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Bioenergy Production from Microbial Systems

Practical session on bioenergy production.

Protocols for engineering microbial systems to produce biofuels and other forms of renewable energy.

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