



NTHRYS WORKSHOPS

Advanced Techniques In Agricultural Microbiology

8:45 AM - 10:15 AM: Session 1: Molecular Microbiology

Introduction to molecular techniques in microbiology.
Practical demonstration of PCR and sequencing methods for microbial identification.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Soil Health and Microbial Communities

Overview of the role of microbial communities in soil health.
Hands-on session on soil microbial diversity analysis.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Fermentation Technology

Introduction to fermentation processes and their applications in agriculture.

Practical session on fermenting biofertilizers and biopesticides.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Microbial Biotechnology

Applications of microbial biotechnology in enhancing crop productivity.
Case studies on genetically modified microbes for improved agricultural outcomes.

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