



NTHRYS WORKSHOPS

Advanced Techniques In Applied Microbiology

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

Introduction to molecular techniques in microbiology.
Practical demonstration of PCR and genetic sequencing.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Microbial Biotechnology

Overview of biotechnological applications of microbes.
Hands-on workshop on producing and purifying microbial products.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Microbial Pathogenesis

Introduction to the mechanisms of microbial pathogenesis.

Practical session on studying host-pathogen interactions.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Immunological Techniques in Microbiology

Discussion on immunological methods for studying microbes.
Case studies on using immunological assays in microbial research.

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