



NTHRYS WORKSHOPS

Advanced Techniques In Cellular Microbiology

8:45 AM - 10:15 AM: Session 1: Advanced Microscopy Techniques

Introduction to advanced microscopy techniques in cellular microbiology.
Practical demonstration of fluorescence and electron microscopy.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Cell Culture and Infection Models

Overview of cell culture methods and infection models.
Hands-on workshop on culturing cells and establishing infection models for research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Molecular Techniques in Cellular Microbiology

Introduction to molecular techniques used in cellular microbiology.

Practical session on using PCR, Western blotting, and other molecular methods.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Cellular Microbiology in Drug Discovery

Discussion on the role of cellular microbiology in drug discovery.
Case studies on using cellular microbiology techniques to identify and test new antimicrobial agents.

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