



NTHRYS WORKSHOPS

Introduction To General Microbiology

8:45 AM - 10:15 AM: Session 1: Basics of Microbiology

Overview of microbiology principles and applications.
Hands-on session on microbial techniques.
Introduction to the importance of microbiology in health and environment.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Microbial Structure and Function

Interactive session on the structure and function of bacteria, viruses, fungi, and protozoa.
Workshop on techniques for microbial identification and classification.
Practical demonstration of microscopy and staining methods.

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

Catered lunch and networking opportunity.

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

Exploring microbial metabolism and growth.

Hands-on training on culturing and studying microbial growth.
Case studies on the role of microbes in various environments.

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

Time for a stretch and informal discussions.

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

Workshop on microbial genetics and gene expression.
Practical techniques for studying microbial genomes.
Case studies on the applications of microbial genetics in research and industry.

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