



NTHRYS WORKSHOPS

Introduction To Bacteriology

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

Overview of bacteriology and its importance.
Introduction to bacterial classification and structure.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Bacterial Culturing Techniques

Hands-on training on culturing bacteria.
Practical session on isolation, staining, and microscopy of bacterial samples.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bacterial Genetics

Overview of bacterial genetics and gene expression.
Practical exercises on transformation, transduction, and conjugation.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies in Bacteriology

Discussion on real-world case studies in bacteriology.
Analysis of bacterial roles in health, industry, and the environment.

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