



NTHRYS WORKSHOPS

Introduction To Nano Microbiology

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

Overview of nano microbiology principles and applications.
Hands-on session on studying microorganisms at the nanoscale.
Introduction to the importance of nano microbiology in modern science.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Techniques in Nano Microbiology

Interactive session on techniques used in nano microbiology.
Workshop on using electron microscopy, nanoparticle synthesis, and molecular methods.
Practical demonstration of nano microbiology techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Nanomaterials and Microbial Interactions

Exploring interactions between nanomaterials and microorganisms.

Hands-on training on synthesizing and characterizing nanomaterials.
Case studies on the role of nano microbiology in understanding microbial interactions.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Nano Microbiology in Medicine

Workshop on nano microbiology applications in medicine.
Practical techniques for developing nanomedicines and diagnostics.
Case studies on the applications of nano microbiology in healthcare.

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