



NTHRYS WORKSHOPS

Innovations In Food Microbiology

8:45 AM - 10:15 AM: Session 1: Nanotechnology in Food Microbiology

Introduction to nanotechnology applications in food microbiology.
Hands-on session on using nanoparticles for pathogen detection.
Case studies on the benefits and challenges of nanotechnology in food safety.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Genomics and Metagenomics

Exploring the role of genomics in studying foodborne microorganisms.
Workshop on sequencing and analyzing microbial genomes.
Case studies on the applications of genomics in food safety and quality.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: AI and Machine Learning in Food

Microbiology

Hands-on session on using AI and machine learning for microbial data analysis.
Exploring predictive models for food safety and quality control.
Case studies on the application of AI in food microbiology research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions in Food Microbiology

Discussion on emerging trends and future directions in food microbiology.
Workshop on integrating new technologies in food microbiology research.
Case studies on the potential impact of future innovations in food microbiology.

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