



NTHRYS WORKSHOPS

Innovations In Microbiology

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Microbiology

Introduction to emerging technologies in microbiology.
Hands-on session on using advanced tools and techniques in microbiological research.
Case studies on innovative applications of new technologies in microbiology.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Microbiology

Exploring the role of AI and machine learning in microbiology.
Workshop on developing predictive models using AI and ML.
Case studies on the applications of AI in enhancing microbiological research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Omics in Microbiology

Hands-on session on integrating multi-omics data in microbiology.

Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in biomedical 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 Microbiology

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