



NTHRYS WORKSHOPS

Innovations In Molecular Microbiology

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

Introduction to emerging technologies in molecular microbiology.
Hands-on session on using advanced tools and techniques in microbial research.
Case studies on innovative applications of new technologies in molecular 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 microbial research.
Workshop on developing predictive models using AI and ML.
Case studies on the applications of AI in enhancing molecular microbiology 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 microbial research.
Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in molecular 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 Molecular Microbiology

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