



NTHRYS WORKSHOPS

Advanced Techniques In Pharmaceutical Microbiology

8:45 AM - 10:15 AM: Session 1: Advanced Pharmaceutical Microbiology Techniques

Introduction to advanced techniques in pharmaceutical microbiology.

Hands-on session on using next-generation sequencing, rapid microbiological methods, and other technologies.

Practical demonstration of advanced pharmaceutical microbiology applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Microbial Identification and Characterization

Exploring microbial identification and characterization techniques.

Workshop on using molecular methods, MALDI-TOF, and other tools.

Case studies on the applications of microbial identification in pharmaceutical microbiology.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biofilm Formation and Control

Hands-on session on studying biofilm formation and control.
Exploring techniques for detecting and mitigating biofilms in pharmaceutical systems.
Practical applications of pharmaceutical microbiology in managing biofilms.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Integrative Omics in Pharmaceutical Microbiology

Workshop on integrating multi-omics data in pharmaceutical microbiology research.
Practical techniques for combining genomics, proteomics, and metabolomics.
Case studies on the role of integrative omics in advancing pharmaceutical 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