



NTHRYS WORKSHOPS

Introduction To System Microbiology

8:45 AM - 10:15 AM: Session 1: Fundamentals of System Microbiology

Hands-on workshop on system microbiology.
Protocols for understanding the basics of system microbiology, including microbial communities and their interactions within ecosystems.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Systems Biology Approaches in Microbiology

Practical session on systems biology.
Protocols for applying systems biology techniques to study microbial systems, including genomics, transcriptomics, and metabolomics.

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

Catered lunch and networking opportunity.

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

Hands-on training on microbial networks.

Protocols for modeling microbial interactions within communities, using network analysis and predictive modeling.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: High-Throughput Data Integration in System Microbiology

Practical session on data integration.

Protocols for integrating high-throughput data from various omics technologies to study complex microbial systems.

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