



NTHRYS WORKSHOPS

Microbial Systems In Health And Disease

8:45 AM - 10:15 AM: Session 1: Systems Microbiology in Infectious Disease

Hands-on workshop on infectious diseases.

Protocols for studying microbial pathogens and their interactions with host systems using systems biology approaches.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Microbial Communities in Human Health

Practical session on microbial health.

Protocols for analyzing the role of microbial communities in human health and their potential therapeutic applications.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Systems Biology of Antibiotic Resistance

Hands-on training on antibiotic resistance.

Protocols for studying the evolution and spread of antibiotic resistance genes within microbial systems.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Microbiome-Based Therapies and Probiotics

Practical session on probiotics.

Protocols for developing and testing microbiome-based therapies, including the use of probiotics to treat diseases.

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