



NTHRYS WORKSHOPS

Workshop On Bioaerosol Sampling And Analysis

8:45 AM - 10:15 AM: Session 1: Bioaerosol Collection Methods

Hands-on training on impaction and impingement methods.
Demonstration of sampler calibration and validation.
Collection of bioaerosol samples from various sources.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Bioaerosol Characterization

Culture-based identification of bioaerosol microbes.
Molecular characterization using PCR and sequencing.
Analysis of bioaerosol composition and diversity.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bioaerosol Exposure Assessment

Quantification of bioaerosol concentrations in different environments.
Assessment of exposure risks based on bioaerosol data.
Interpretation of exposure assessment results.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Bioaerosol Control Measures

Discussion on engineering controls for reducing bioaerosol emissions.
Hands-on demonstration of air filtration and purification systems.
Case studies on the implementation of bioaerosol control measures.

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