



NTHRYS WORKSHOPS

Emerging Trends In Impedance Microbiology

8:45 AM - 10:15 AM: Session 1: Nanotechnology and Impedance Biosensors

Hands-on workshop on integrating nanotechnology with impedance biosensors.
Protocols for enhancing sensor sensitivity and specificity using nanomaterials.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Wireless Impedance Sensors for Remote Microbial Monitoring

Practical session on developing wireless impedance sensors.
Protocols for creating remote, wireless-enabled impedance sensors for real-time microbial monitoring in the field.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrating Impedance Microbiology with AI

and Machine Learning

Hands-on training on using AI with impedance microbiology.

Protocols for applying machine learning algorithms to impedance data for predictive analytics and automation.

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 Impedance Microbiology

Discussion on emerging trends and innovations in impedance microbiology.

Protocols for exploring new applications in diagnostics, environmental monitoring, and bioprocessing.

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