



NTHRYS WORKSHOPS

Biofilm Research In Impedance Microbiology

8:45 AM - 10:15 AM: Session 1: Quantifying Biofilm Formation Using Impedance Methods

Hands-on workshop on biofilm quantification.
Protocols for measuring biofilm growth and development using impedance-based techniques.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Biofilm Resistance to Antimicrobials: Impedance Analysis

Practical session on studying biofilm resistance to antimicrobials.
Protocols for using impedance to assess biofilm response to different antimicrobial agents.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biofilm Monitoring in Industrial Settings

Hands-on training on monitoring biofilm formation in industrial environments.

Protocols for using impedance sensors to detect and prevent biofilm formation on equipment and surfaces.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Anti-Biofilm Strategies Using Impedance Microbiology

Practical session on developing anti-biofilm strategies.
Protocols for using impedance methods to evaluate the effectiveness of anti-biofilm treatments and coatings.

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