



NTHRYS WORKSHOPS

Impedance Microbiology For Pharmaceutical Testing

8:45 AM - 10:15 AM: Session 1: Impedance Testing for Antimicrobial Efficacy

Hands-on workshop on testing antimicrobial efficacy using impedance.
Protocols for using impedance to measure microbial response to pharmaceutical agents in vitro.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Measuring Drug-Microbe Interactions via Impedance

Practical session on drug-microbe interaction studies.
Protocols for using impedance methods to study how microbes respond to pharmaceutical compounds.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Impedance-Based Screening of New Antibiotics

Hands-on training on screening new antibiotics using impedance.
Protocols for rapidly screening microbial cultures for susceptibility to new antibiotic candidates.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Validation of Impedance Methods in Pharmacokinetics Studies

Practical session on validating impedance methods for pharmacokinetics.
Protocols for measuring the impact of drug absorption, distribution, metabolism, and excretion using impedance techniques.

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