



## NTHRYS WORKSHOPS

# Impedance Microbiology In Clinical Diagnostics

### **8:45 AM - 10:15 AM: Session 1: Rapid Diagnostic Testing Using Impedance**

Hands-on workshop on impedance-based rapid diagnostic testing.  
Protocols for developing and using impedance assays for detecting infections in clinical samples.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Detection of Antibiotic Resistance Using Impedance**

Practical session on detecting antibiotic resistance through impedance methods.  
Protocols for measuring microbial response to antibiotics and identifying resistant strains.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Point-of-Care Diagnostics with Impedance Microbiology**

Hands-on training on developing point-of-care diagnostic devices.  
Protocols for integrating impedance microbiology into portable diagnostic platforms for rapid testing.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Personalized Medicine Applications of Impedance Microbiology**

Practical session on using impedance microbiology in personalized medicine.  
Protocols for tailoring antimicrobial treatments based on patient-specific impedance measurements.

### **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**