

## NTHRYS WORKSHOPS

# Advanced Techniques In Proteomics

### 8:45 AM - 10:15 AM: Session 1: Quantitative Proteomics

Advanced techniques in quantitative proteomics.  
Practical session on label-free and labeled quantitation.  
Troubleshooting and optimizing quantitative methods.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Post-Translational Modifications

Overview of post-translational modifications (PTMs).  
Practical session on identifying and analyzing PTMs.  
Case studies on PTM analysis and applications.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Targeted Proteomics

Using targeted proteomics for specific protein quantification.

Practical session on SRM/MRM and PRM techniques.  
Case studies on targeted proteomics applications.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Integrative Proteomics**

Combining proteomics with other omics data.  
Practical session on integrative data analysis.  
Case studies on multi-omics approaches.

### **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**