



## NTHRYS WORKSHOPS

# Advanced Techniques In Protein Purification

### 8:45 AM - 10:15 AM: Session 1: Advanced Chromatography Methods

Advanced techniques in chromatography for protein purification.  
Practical session on HPLC and FPLC.  
Troubleshooting and optimizing high-performance separations.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Protein Solubility and Stabilization

Strategies for improving protein solubility and stability.  
Practical session on using additives and optimizing buffer conditions.  
Case studies on enhancing protein stability.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Membrane-Based Techniques

Using membrane-based techniques for protein purification.

Practical session on ultrafiltration and diafiltration.  
Case studies on membrane applications.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Biotechnology in Protein Purification**

Strategies for integrating biotechnology in protein purification.  
Case studies on biotechnological applications.  
Future trends and challenges in the field.

### **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**