



## NTHRYS WORKSHOPS

# Innovations In Industrial Biochemistry

### **8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Industrial Biochemistry**

Introduction to emerging technologies in industrial biochemistry.

Hands-on session on using advanced tools and techniques in biochemical research.

Case studies on innovative applications of new technologies in industrial biochemistry.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Industrial Biochemistry**

Exploring the role of AI and machine learning in industrial biochemistry.

Workshop on developing predictive models for biochemical processes.

Case studies on the application of AI in industrial biochemistry research.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Integrative Omics in Industrial Biochemistry**

Hands-on session on integrating multi-omics data in industrial biochemistry.  
Exploring techniques for combining genomics, proteomics, and metabolomics.  
Practical applications of integrative omics in industrial biochemistry.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Directions in Industrial Biochemistry**

Discussion on emerging trends and future directions in industrial biochemistry.  
Workshop on integrating new technologies in industrial biochemical research.  
Case studies on the potential impact of future innovations in industrial biochemistry.

### **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**