



## NTHRYS WORKSHOPS

# Innovations In Glyco Informatics

### 8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Glyco Informatics

Introduction to emerging technologies for glycan analysis.  
Hands-on session on using advanced analytical techniques for glycan analysis.  
Case studies on innovative applications of new technologies in glyco informatics.

### 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 Glyco Informatics

Exploring the role of AI and machine learning in glyco informatics.  
Workshop on developing predictive models for glycan function analysis.  
Case studies on the application of AI in glyco informatics 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 Glyco Informatics**

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

### **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 Glyco Informatics**

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

### **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**