



## NTHRYS WORKSHOPS

# Introduction To Cheminformatics

### 8:45 AM - 10:15 AM: Session 1: Basics of Cheminformatics

Overview of cheminformatics and its significance.  
Introduction to the principles and applications of cheminformatics in drug discovery and chemical research.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Chemical Databases and Data Mining

Hands-on training on using chemical databases and data mining techniques.  
Practical session on retrieving and analyzing chemical information from databases.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Molecular Modeling and Visualization

Overview of molecular modeling and visualization tools.  
Practical exercises on building and visualizing chemical structures using cheminformatics

software.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Case Studies in Cheminformatics**

Discussion on real-world case studies in cheminformatics.

Analysis of cheminformatics applications in drug design, materials science, and chemical research.

### **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**