



## NTHRYS WORKSHOPS

# Advanced Techniques In Medical Chemistry

### 8:45 AM - 10:15 AM: Session 1: Advanced Analytical Techniques

Introduction to advanced analytical techniques in medical chemistry.  
Hands-on session on using NMR, mass spectrometry, and other methods.  
Practical demonstration of advanced chemical analysis.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Molecular Modeling and Drug Design

Exploring molecular modeling techniques in drug design.  
Workshop on using computational chemistry for drug discovery.  
Case studies on the applications of molecular modeling in medicinal chemistry.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Natural Products Chemistry

Hands-on session on the study of natural products in medical chemistry.

Exploring techniques for isolating and characterizing bioactive compounds.  
Practical applications of natural products in drug discovery.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Chemical Biology**

Workshop on the intersection of chemistry and biology.  
Practical techniques for studying chemical processes in biological systems.  
Case studies on the role of chemical biology in understanding disease mechanisms.

### **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**