



## NTHRYS WORKSHOPS

# Advanced Techniques In Bioorganic Chemistry

### 8:45 AM - 10:15 AM: Session 1: Synthesis of Bioactive Compounds

Introduction to the synthesis of bioactive compounds.  
Practical demonstration of synthetic methods for creating biologically active molecules.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Chemical Biology Techniques

Overview of chemical biology and its techniques.  
Hands-on workshop on using chemical probes and bioorthogonal chemistry.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Bioorganic Analysis Methods

Introduction to analytical methods in bioorganic chemistry.

Practical session on NMR, mass spectrometry, and chromatography.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Bioorganic Chemistry in Medicine**

Discussion on the role of bioorganic chemistry in medicine.  
Case studies on drug design, development, and mechanism of action.

### **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**