



## NTHRYS WORKSHOPS

# Advanced Techniques In Drug Designing

### 8:45 AM - 10:15 AM: Session 1: High-Throughput Screening (HTS)

Introduction to high-throughput screening methods.  
Hands-on session on setting up and conducting HTS assays.  
Practical demonstration of data analysis from HTS.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Fragment-Based Drug Design (FBDD)

Exploring the principles of fragment-based drug design.  
Workshop on identifying and optimizing lead compounds.  
Case studies on successful FBDD applications.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Quantitative Structure-Activity Relationship

## **(QSAR)**

Interactive session on QSAR modeling techniques.  
Hands-on training on building and validating QSAR models.  
Practical applications of QSAR 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: Peptide and Protein Drug Design**

Workshop on designing peptide and protein therapeutics.  
Practical use of software tools for peptide design.  
Case studies on successful peptide and protein drugs.

### **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**