



## NTHRYS WORKSHOPS

# Drug Delivery Systems In Molecular Pharmaceutics

### 8:45 AM - 10:15 AM: Session 1: Lipid-Based Drug Delivery Systems

Hands-on workshop on lipid-based drug delivery.  
Protocols for developing liposomes, solid lipid nanoparticles, and nanoemulsions for molecular drug delivery.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Polymer-Based Drug Delivery Systems

Practical session on polymeric drug delivery systems.  
Protocols for designing biodegradable polymeric carriers and their application in controlled drug release.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Targeted Drug Delivery at the Molecular Level**

Hands-on training on targeted drug delivery strategies.  
Protocols for optimizing drug delivery systems for targeted release at specific tissues or cellular receptors.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Nanotechnology in Drug Delivery**

Practical session on nanotechnology-based drug delivery.  
Protocols for formulating and characterizing nanocarriers such as nanoparticles, dendrimers, and micelles.

### **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**