



## NTHRYS WORKSHOPS

# Pharmacokinetics And Molecular Pharmaceutics

### **8:45 AM - 10:15 AM: Session 1: Pharmacokinetic Modelling and Simulation**

Hands-on workshop on pharmacokinetic modelling.  
Protocols for simulating drug absorption, distribution, metabolism, and excretion using molecular-level data.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Drug Metabolism at the Molecular Level**

Practical session on understanding drug metabolism.  
Protocols for studying enzymatic pathways and identifying metabolites formed during drug metabolism.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Drug Permeability and Transport**

Hands-on training on studying drug permeability.  
Protocols for measuring molecular transport across membranes and predicting drug bioavailability.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Predictive Pharmacokinetics for Drug Development**

Practical session on predictive pharmacokinetics.  
Protocols for using computational models to predict pharmacokinetic behavior of drug candidates in early-stage development.

### **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**