



NTHRYS WORKSHOPS

Introduction To Molecular Pharmacology

8:45 AM - 10:15 AM: Session 1: Basics of Molecular Pharmacology

Overview of molecular pharmacology principles and applications.
Hands-on session on studying drug interactions at the molecular level.
Introduction to the importance of molecular pharmacology in drug development and therapy.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Techniques in Molecular Pharmacology

Interactive session on techniques used in molecular pharmacology.
Workshop on using high-throughput screening, bioinformatics, and other methods.
Practical demonstration of molecular pharmacology techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Drug-Receptor Interactions

Exploring drug-receptor interactions.

Hands-on training on studying receptor binding and signal transduction.
Case studies on the role of molecular pharmacology in understanding drug mechanisms.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Pharmacokinetics and Pharmacodynamics

Workshop on pharmacokinetics and pharmacodynamics.
Practical techniques for studying drug absorption, distribution, metabolism, and excretion.
Case studies on the applications of molecular pharmacology in optimizing drug therapy.

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