



NTHRYS WORKSHOPS

Advanced Techniques In Pharmacology

8:45 AM - 10:15 AM: Session 1: Advanced Pharmacology Techniques

Introduction to advanced techniques in pharmacology.

Hands-on session on using high-throughput screening, computational modeling, and other methods.

Practical demonstration of advanced pharmacology applications.

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

Networking and refreshments.

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

Exploring the role of pharmacogenomics in pharmacology.

Workshop on studying genetic factors affecting drug response.

Case studies on the applications of pharmacogenomics in personalized medicine.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Pharmacokinetics and Pharmacodynamics

Hands-on session on pharmacokinetics and pharmacodynamics.
Exploring techniques for studying drug absorption, distribution, metabolism, and excretion.
Practical applications of pharmacology in optimizing pharmacokinetics and pharmacodynamics.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Integrative Omics in Pharmacology

Workshop on integrating multi-omics data in pharmacology research.
Practical techniques for combining genomics, proteomics, and metabolomics.
Case studies on the role of integrative omics in advancing pharmacology.

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