

NTHRYS WORKSHOPS

Advanced Techniques In Pharmacogenetics

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

Introduction to advanced techniques in pharmacogenetics.

Hands-on session on using next-generation sequencing, CRISPR, and other methods.

Practical demonstration of advanced pharmacogenetics applications.

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

Networking and refreshments.

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

Exploring the role of pharmacogenomics in pharmacogenetics.

Workshop on studying the genome-wide impact on 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 pharmacogenetics 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 Pharmacogenetics

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

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