

Pharmacogenetics Workshops

Pharmacogenetics Workshops

NTHRYS BIOTECH LABS provides a diverse array of workshops in the realm of Pharmacogenetics. Explore our comprehensive offerings below

[Pharmacogenetics Workshops Application Process](#)

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Your Gateway to Pharmacogenetics: Workshop Selections!

1. [Workshop in Introduction to PharmacogeneticsPDF](#)
2. [Workshop in Advanced Techniques in PharmacogeneticsPDF](#)
3. [Workshop in Pharmacogenetics in Biomedical ResearchPDF](#)
4. [Workshop in Innovations in PharmacogeneticsPDF](#)
5. [Workshop in Ethical and Regulatory Perspectives in PharmacogeneticsPDF](#)

1. Workshop in Introduction to Pharmacogenetics

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Basics of Pharmacogenetics

Overview of pharmacogenetics principles and applications.

Hands-on session on understanding genetic variability in drug response.

Introduction to the importance of pharmacogenetics in personalized medicine.

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

Networking and refreshments.

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

Interactive session on techniques used in pharmacogenetics.

Workshop on using genomic, transcriptomic, and bioinformatic analyses.

Practical demonstration of pharmacogenetics techniques.

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

Catered lunch and networking opportunity.

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

Exploring gene-drug interactions.

Hands-on training on studying how genetic variants affect drug metabolism and efficacy.

Case studies on the role of pharmacogenetics in optimizing drug therapy.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Applications of Pharmacogenetics

Workshop on applications of pharmacogenetics.

Practical techniques for applying pharmacogenetics in clinical practice.

Case studies on the impact of pharmacogenetics in personalized medicine.

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

2. Workshop in Advanced Techniques in Pharmacogenetics

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

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

3. Workshop in Pharmacogenetics in Biomedical Research

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Role of Pharmacogenetics in Disease Research

Overview of the importance of pharmacogenetics in disease research.

Hands-on session on studying the impact of genetic variability on disease progression and drug response.

Case studies on the impact of pharmacogenetics in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Pharmacogenetics in Oncology

Exploring the role of pharmacogenetics in oncology.
Workshop on using pharmacogenetics to study and develop cancer therapies.
Case studies on the applications of pharmacogenetics in cancer research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Pharmacogenetics in Cardiovascular Diseases

Hands-on session on the use of pharmacogenetics in cardiovascular diseases.
Exploring techniques for identifying genetic risk factors and optimizing drug therapy for cardiovascular diseases.
Practical applications of pharmacogenetics in managing cardiovascular diseases.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Clinical Applications of Pharmacogenetics

Workshop on translating pharmacogenetics research into clinical practice.
Practical techniques for using pharmacogenetics data in clinical settings.
Case studies on the impact of pharmacogenetics on patient care.

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

4. Workshop in Innovations in Pharmacogenetics

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Pharmacogenetics

Introduction to emerging technologies in pharmacogenetics.

Hands-on session on using advanced tools and techniques in pharmacogenetics research.

Case studies on innovative applications of new technologies in pharmacogenetics.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Pharmacogenetics

Exploring the role of AI and machine learning in pharmacogenetics.

Workshop on developing predictive models using AI and ML.

Case studies on the applications of AI in enhancing pharmacogenetics research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Big Data Analytics in Pharmacogenetics

Hands-on session on big data analytics in pharmacogenetics.
Exploring techniques for managing and analyzing large datasets.
Practical applications of big data analytics in pharmacogenetics.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions in Pharmacogenetics

Discussion on emerging trends and future directions in pharmacogenetics.
Workshop on integrating new technologies in pharmacogenetics research.
Case studies on the potential impact of future innovations in 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

5. Workshop in Ethical and Regulatory Perspectives in Pharmacogenetics

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Ethical Considerations in Pharmacogenetics Research

Overview of ethical issues in pharmacogenetics research.

Case studies on ethical dilemmas in studying and applying pharmacogenetics techniques.

Workshop on addressing ethical considerations in pharmacogenetics research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Regulatory Frameworks for Pharmacogenetics Research

Exploring regulatory guidelines and requirements for pharmacogenetics research.

Case studies on navigating regulatory challenges.

Workshop on understanding international regulatory frameworks.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Public Perception and Communication

Workshop on improving public understanding of pharmacogenetics research.

Techniques for effective science communication.
Case studies on public engagement and education initiatives.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Policy and Planning for Pharmacogenetics Research

Discussion on policy and planning for sustainable pharmacogenetics research.
Case studies on effective policies and planning strategies.
Workshop on integrating ethical and social considerations in pharmacogenetics research.

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

Note: NTHRYS Management reserves the right to modify the workshop module at any time without prior notice. Registered or enrolled candidates will receive the module that is current on the day of enrollment.

NTHRYS Workshops Department

M: +91-7993084748

Email: workshops (a t) nthrys [d0t] com

Pharmacogenetics Workshops Application Process

1. Select a workshop from the list.
2. Contact via whatsapp on the number present above to request fee details and dates suitable for joining. Alternatively, you can send an email to workshops (a t) nthrys [d o t] com.
3. Our Workshop department will contact you promptly to provide further assistance.