



## Pharmacogenomics Workshops

# Pharmacogenomics Workshops

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

[Pharmacogenomics Workshops Application Process](#)

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## Pharmacogenomics Brilliance: Unfold Your Scientific Curiosity!

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

### 1. Workshop in Introduction to Pharmacogenomics

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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 Pharmacogenomics**

Overview of pharmacogenomics principles and applications.

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

Introduction to the importance of pharmacogenomics 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 Pharmacogenomics**

Interactive session on techniques used in pharmacogenomics.

Workshop on using genomic, transcriptomic, and bioinformatic analyses.

Practical demonstration of pharmacogenomics 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 pharmacogenomics 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 Pharmacogenomics**

Workshop on applications of pharmacogenomics.

Practical techniques for applying pharmacogenomics in clinical practice.

Case studies on the impact of pharmacogenomics 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 Pharmacogenomics

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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 Pharmacogenomics**

## Techniques

Introduction to advanced techniques in pharmacogenomics.

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

Practical demonstration of advanced pharmacogenomics applications.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Pharmacogenomics in Personalized Medicine**

Exploring the role of pharmacogenomics in personalized medicine.

Workshop on studying genetic variants and their impact on treatment.

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: Pharmacogenomics in Oncology**

Hands-on session on pharmacogenomics applications in oncology.

Exploring techniques for identifying cancer biomarkers and personalized therapies.

Practical applications of pharmacogenomics in cancer treatment.

### **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 Pharmacogenomics**

Workshop on integrating multi-omics data in pharmacogenomics research.

Practical techniques for combining genomics, proteomics, and metabolomics.

Case studies on the role of integrative omics in advancing pharmacogenomics.

### **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 Pharmacogenomics 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 Pharmacogenomics in Disease Research**

Overview of the importance of pharmacogenomics 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 pharmacogenomics in biomedical research.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Pharmacogenomics in Neurological Disorders**

Exploring the role of pharmacogenomics in neurological disorders.

Workshop on using pharmacogenomics to study and develop treatments for neurological diseases.

Case studies on the applications of pharmacogenomics in neurological research.

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

Catered lunch and networking opportunity.

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

Hands-on session on the use of pharmacogenomics in cardiovascular diseases.

Exploring techniques for identifying genetic risk factors and optimizing drug therapy for cardiovascular diseases.

Practical applications of pharmacogenomics 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 Pharmacogenomics**

Workshop on translating pharmacogenomics research into clinical practice.

Practical techniques for using pharmacogenomics data in clinical settings.

Case studies on the impact of pharmacogenomics 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 Pharmacogenomics

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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 Pharmacogenomics**

Introduction to emerging technologies in pharmacogenomics.

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

Case studies on innovative applications of new technologies in pharmacogenomics.

### **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**

### **Pharmacogenomics**

Exploring the role of AI and machine learning in pharmacogenomics.  
Workshop on developing predictive models using AI and ML.  
Case studies on the applications of AI in enhancing pharmacogenomics 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 Pharmacogenomics**

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

#### **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 Pharmacogenomics**

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

#### **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 Pharmacogenomics

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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**

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### **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 Pharmacogenomics Research**

Overview of ethical issues in pharmacogenomics research.

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

Workshop on addressing ethical considerations in pharmacogenomics 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 Pharmacogenomics Research**

Exploring regulatory guidelines and requirements for pharmacogenomics 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 pharmacogenomics 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 Pharmacogenomics Research**

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

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

## **Pharmacogenomics 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 0 t ] com.
3. Our Workshop department will contact you promptly to provide further assistance.