



## Molecular Medicine Workshops

# Molecular Medicine Workshops

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

[Molecular Medicine Workshops Application Process](#)

[Back to All Workshops](#)

## Molecular Medicine Exploration Zone: Pick Your Workshop Passion!

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

### 1. Workshop in Introduction to Molecular Medicine

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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 Molecular Medicine**

Overview of molecular medicine principles and applications.

Hands-on session on studying molecular mechanisms of diseases.

Introduction to the importance of molecular medicine in diagnosis and treatment.

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

Networking and refreshments.

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

Interactive session on techniques used in molecular medicine.

Workshop on using PCR, sequencing, and other methods.

Practical demonstration of molecular medicine techniques.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Biomarkers in Molecular Medicine**

Exploring the role of biomarkers in molecular medicine.

Hands-on training on identifying and validating biomarkers.

Case studies on the applications of biomarkers in disease diagnosis and treatment.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Molecular Therapeutics**

Workshop on developing molecular therapeutics.

Practical techniques for designing and testing new drugs.

Case studies on the applications of molecular therapeutics in clinical settings.

**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 Molecular Medicine

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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 Molecular Techniques**

Introduction to advanced techniques in molecular medicine.

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

Practical demonstration of advanced molecular medicine applications.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Precision Medicine**

Exploring the role of precision medicine in healthcare.

Workshop on using molecular data to tailor treatments.

Case studies on the applications of precision medicine in personalized healthcare.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Gene Therapy**

Hands-on session on developing and applying gene therapy.

Exploring techniques for delivering and monitoring gene therapy treatments.

Practical applications of gene therapy in treating genetic diseases.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Regenerative Medicine**

Workshop on regenerative medicine techniques.

Practical techniques for using stem cells and tissue engineering.

Case studies on the role of regenerative medicine in clinical applications.

### **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 Molecular Medicine 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 Molecular Medicine in Disease Research**

Overview of the importance of molecular medicine in disease research.

Hands-on session on studying molecular mechanisms of diseases.

Case studies on the impact of molecular medicine in biomedical research.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Molecular Oncology**

Exploring the role of molecular medicine in cancer research.

Workshop on using molecular techniques to study and treat cancer.

Case studies on the applications of molecular medicine in cancer therapy.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Molecular Cardiology**

Hands-on session on the use of molecular medicine in cardiology.

Exploring techniques for studying cardiovascular diseases.

Practical applications of molecular medicine in developing treatments for heart 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 Molecular Medicine**

Workshop on translating molecular research into clinical practice.

Practical techniques for using molecular data in clinical settings.

Case studies on the impact of molecular medicine on medical treatments.

### **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 Molecular Medicine**

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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 Molecular Medicine**

Introduction to emerging technologies in molecular medicine.

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

Case studies on innovative applications of new technologies in molecular medicine.

**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 Medicine**

Exploring the role of AI and machine learning in medical research.

Workshop on developing predictive models using AI and ML.

Case studies on the applications of AI in enhancing molecular medicine research.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Integrative Omics in Medicine**

Hands-on session on integrating multi-omics data in medical research.

Exploring techniques for combining genomics, proteomics, and metabolomics.

Practical applications of integrative omics in molecular medicine research.

### **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 Molecular Medicine**

Discussion on emerging trends and future directions in molecular medicine.

Workshop on integrating new technologies in medical research.

Case studies on the potential impact of future innovations in molecular 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**

## **5. Workshop in Ethical and Regulatory Perspectives in Molecular Medicine**

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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 Medical Research**

Overview of ethical issues in molecular medicine research.

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

Workshop on addressing ethical considerations in medical 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 Medical Research**

Exploring regulatory guidelines and requirements for molecular medicine 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 medical 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 Medical**

## Research

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

## **Molecular Medicine 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.