



## Gene Fusion Workshops

# Gene Fusion Workshops

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

[Gene Fusion Workshops Application Process](#)

[Back to All Workshops](#)

## Chart Your Gene Fusion Course: Interactive Workshop Choices!

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

### 1. Workshop in Introduction to Gene Fusion

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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 Gene Fusion**

Overview of gene fusion principles and applications.

Hands-on session on identifying and analyzing gene fusions.

Introduction to the significance of gene fusion in genetic research.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Techniques for Detecting Gene Fusions**

Interactive session on techniques for detecting gene fusions.

Workshop on using PCR, FISH, and sequencing methods.

Practical demonstration of gene fusion detection.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Functional Analysis of Gene Fusions**

Exploring techniques for functional analysis of gene fusions.

Hands-on training on using bioinformatics tools for analysis.

Case studies on the role of gene fusions in disease and development.

**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 Gene Fusion**

Workshop on various applications of gene fusion in research and medicine.

Practical techniques for studying gene fusion in cancer and genetic disorders.

Case studies on the use of gene fusion in diagnostics and therapeutics.

**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 Gene Fusion

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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: High-Throughput Detection of**

## **Gene Fusions**

Introduction to high-throughput techniques for gene fusion detection.  
Hands-on session on using next-generation sequencing for fusion detection.  
Practical demonstration of high-throughput data analysis.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Bioinformatics Approaches in Gene Fusion**

Exploring bioinformatics tools for gene fusion analysis.  
Workshop on using computational methods for fusion detection.  
Case studies on the integration of bioinformatics in gene fusion research.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Structural Biology of Gene Fusions**

Hands-on session on studying the structural biology of gene fusions.  
Exploring techniques for modeling fusion proteins.  
Practical applications of structural biology in understanding gene fusions.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Functional Genomics and Gene Fusion**

Workshop on using functional genomics to study gene fusions.  
Practical techniques for integrating genomics data in fusion research.  
Case studies on the applications of functional genomics in gene fusion.

### **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 Gene Fusion 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 Gene Fusion in Cancer Research**

Overview of the importance of gene fusion in cancer research.

Hands-on session on identifying cancer-related gene fusions.

Case studies on the impact of gene fusion in oncology.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Gene Fusion in Genetic Disorders**

Exploring the role of gene fusion in genetic disorders.  
Workshop on using gene fusion analysis for diagnosing genetic diseases.  
Case studies on the applications of gene fusion in medical genetics.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Gene Fusion in Personalized Medicine**

Hands-on session on using gene fusion in personalized medicine.  
Exploring techniques for identifying patient-specific gene fusions.  
Practical applications of gene fusion in developing personalized therapies.

### **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 Gene Fusion**

Workshop on translating gene fusion research into clinical practice.  
Practical techniques for using gene fusion data in clinical settings.  
Case studies on the impact of gene fusion 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 Gene Fusion

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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 Gene Fusion**

Introduction to emerging technologies for studying gene fusions.

Hands-on session on using advanced tools and techniques for fusion detection.

Case studies on innovative applications of new technologies in gene fusion research.

### **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 Gene Fusion**

Exploring the role of AI and machine learning in gene fusion research.

Workshop on developing predictive models for gene fusion analysis.

Case studies on the application of AI in gene fusion 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 Gene Fusion**

Hands-on session on integrating multi-omics data in gene fusion research.  
Exploring techniques for combining genomics, proteomics, and metabolomics.  
Practical applications of integrative omics in gene fusion studies.

### **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 Gene Fusion**

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

## **5. Workshop in Ethical and Regulatory Perspectives in Gene Fusion**

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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 Gene Fusion Research**

Overview of ethical issues in gene fusion research.

Case studies on ethical dilemmas in studying gene fusions.

Workshop on addressing ethical considerations in gene fusion 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 Gene Fusion**

Exploring regulatory guidelines and requirements for gene fusion 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 gene fusion 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 Gene Fusion**

Discussion on policy and planning for sustainable gene fusion research.

Case studies on effective policies and planning strategies.

Workshop on integrating ethical and social considerations in gene fusion 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**

## **Gene Fusion 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.