



## Clinical Medical Bioinformatics Workshops

# Clinical Medical Bioinformatics Workshops

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

[Clinical Medical Bioinformatics Workshops Application Process](#)

[Back to All Workshops](#)

## Navigate the Clinical Medical Bioinformatics Landscape: Workshop Options Ahead!

1. [Workshop in Introduction to Clinical Medical BioinformaticsPDF](#)
2. [Workshop in Advanced Techniques in Clinical Medical BioinformaticsPDF](#)
3. [Workshop in Emerging Trends in Clinical Medical BioinformaticsPDF](#)

### 1. Workshop in Introduction to Clinical Medical Bioinformatics

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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 Clinical Medical Bioinformatics**

Overview of clinical medical bioinformatics and its significance.

Introduction to the principles and applications of bioinformatics in clinical research.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Bioinformatics Tools and Databases**

Hands-on training on key bioinformatics tools and databases.

Practical session on using bioinformatics software for clinical data analysis.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Genomic Data Analysis**

Overview of genomic data analysis techniques.

Practical exercises on analyzing and interpreting genomic data in a clinical context.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Case Studies in Clinical Bioinformatics**

Discussion on real-world case studies in clinical bioinformatics.

Analysis of bioinformatics applications in personalized medicine and disease 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**

## **2. Workshop in Advanced Techniques in Clinical Medical Bioinformatics**

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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: Next-Generation Sequencing**

### **(NGS) Data Analysis**

Introduction to NGS data analysis techniques.

Practical demonstration of processing and analyzing NGS data for clinical research.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Transcriptomics and RNA-Seq**

Overview of transcriptomics and RNA sequencing.

Hands-on workshop on analyzing RNA-Seq data for clinical applications.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Proteomics and Metabolomics**

Introduction to proteomics and metabolomics in clinical bioinformatics.

Practical session on analyzing proteomics and metabolomics data.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Integrative Bioinformatics**

Discussion on integrative bioinformatics approaches.

Case studies on combining genomic, transcriptomic, and proteomic data for clinical insights.

### **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 Emerging Trends in Clinical Medical Bioinformatics**

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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: Machine Learning in Clinical Bioinformatics**

Introduction to machine learning techniques in clinical bioinformatics.

Practical session on applying machine learning algorithms to clinical data.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Big Data in Clinical Research**

Overview of big data applications in clinical bioinformatics.

Hands-on workshop on managing and analyzing large-scale clinical datasets.

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

Catered lunch and networking opportunity.

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

Discussion on personalized medicine approaches.

Practical exercises on developing personalized treatment plans based on bioinformatics data.

### **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 Clinical Bioinformatics**

Exploration of future trends and innovations in clinical bioinformatics.

Case studies on cutting-edge research and its impact on clinical practice.

### **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**

## **Clinical Medical Bioinformatics 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.