



## Sequence Profiling Workshops

# Sequence Profiling Workshops

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

[Sequence Profiling Workshops Application Process](#)

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## Dive into Discovery: Select Your Sequence Profiling Adventure Below!

1. [Workshop in Practical Techniques in Sequence ProfilingPDF](#)
2. [Workshop in Advanced Techniques in Sequence ProfilingPDF](#)
3. [Workshop in Emerging Technologies in Sequence ProfilingPDF](#)
4. [Workshop in Sequence Profiling in Disease ResearchPDF](#)
5. [Workshop in Integrative Approaches in Sequence ProfilingPDF](#)

## 1. Workshop in Practical Techniques in Sequence Profiling

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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: Introduction to Sequence Profiling**

Overview of sequence profiling and its significance.

Techniques for analyzing DNA and RNA sequences.

Case studies on sequence profiling applications.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Next-Generation Sequencing**

Hands-on techniques for next-generation sequencing (NGS).

Practical session on preparing and running NGS experiments.

Discussion on optimizing NGS workflows.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Data Analysis in Sequence Profiling**

Introduction to data analysis techniques.

Practical demonstration of bioinformatics tools.

Case studies on interpreting sequence data.

**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 and Applications**

Review of significant case studies in sequence profiling.

Applications in genomics, transcriptomics, and personalized medicine.

Future trends and research directions.

**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 Sequence Profiling**

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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 Sequencing Technologies**

Advanced techniques in sequencing technologies.

Practical session on long-read sequencing and single-cell sequencing.  
Troubleshooting and optimizing sequencing processes.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Epigenetic Profiling**

Overview of epigenetic profiling techniques.  
Practical session on bisulfite sequencing and chromatin immunoprecipitation (ChIP-Seq).  
Case studies on epigenetic regulation.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Metagenomics and Environmental Sequencing**

Using sequencing technologies to study microbial communities.  
Practical session on metagenomic sample preparation and analysis.  
Case studies on environmental sequencing.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Biotechnology in Sequence Profiling**

Strategies for integrating biotechnology in sequence profiling.  
Case studies on biotechnological applications.  
Future trends and challenges in the field.

### **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 Technologies in Sequence Profiling**

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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: AI and Machine Learning in Sequence Profiling**

Introduction to AI and machine learning applications.

Techniques for using AI in sequence data analysis.

Hands-on session with AI tools.

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

Networking and refreshments.

#### **10:30 AM - 12:00 PM: Session 2: High-Throughput Screening**

Using high-throughput screening in sequence profiling.

Practical session on setting up and running high-throughput assays.

Troubleshooting and optimizing screening processes.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Integrative Approaches**

Combining sequence profiling with other biological data.

Case studies on integrative approaches.

Practical session on multi-omics data integration.

### **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**

Emerging trends and technologies in sequence profiling.

Discussion on potential breakthroughs and innovations.

Networking session for collaborative research opportunities.

### **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 Sequence Profiling in Disease 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: Genetic Profiling in Cancer Research**

Introduction to genetic profiling in cancer research.

Case studies on cancer genomics.

Practical session on analyzing cancer genetic data.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Infectious Disease Sequencing**

Using sequencing technologies to study infectious diseases.

Case studies on pathogen genomics.

Practical session on sequencing and analyzing pathogen data.

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

Catered lunch and networking opportunity.

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

Applications of sequence profiling in personalized medicine.

Case studies on individualized treatment plans.

Practical session on integrating sequence data into clinical practice.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Challenges in Disease Research**

Discussion on future challenges and opportunities in sequence profiling for disease research.

Strategies for addressing these challenges.

Networking session for collaborative solutions.

### **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 Integrative Approaches in Sequence Profiling**

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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: Multi-Omics Data Integration**

Introduction to multi-omics data integration.  
Practical session on combining genetic, epigenetic, and proteomic data.  
Case studies on integrative approaches.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Sequence Profiling and Ecology**

Exploring the intersection of sequence profiling and ecology.  
Case studies on ecological applications.  
Practical session on ecological data analysis.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Computational Tools and Resources**

Overview of computational tools for sequence profiling.  
Hands-on session with popular software and databases.  
Discussion on best practices and resources.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Future Trends and Collaborations**

Discussion on future trends in sequence profiling.  
Strategies for fostering collaborations.  
Networking session for potential partnerships.

**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**

## **Sequence Profiling 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.