



Molecular Diagnostics Workshops

Molecular Diagnostics Workshops

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

[Molecular Diagnostics Workshops Application Process](#)

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From Lab to Life: Choose Your Molecular Diagnostics Workshop!

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

1. Workshop in Introduction to Molecular Diagnostics

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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 Diagnostics

Overview of molecular diagnostics principles and applications.

Hands-on session on studying molecular mechanisms of diseases.

Introduction to the importance of molecular diagnostics in disease detection and monitoring.

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

Networking and refreshments.

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

Interactive session on molecular diagnostics techniques.

Workshop on using PCR, qPCR, and next-generation sequencing.

Practical demonstration of molecular diagnostics methods.

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

Catered lunch and networking opportunity.

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

Exploring the role of biomarkers in molecular diagnostics.

Hands-on training on identifying and validating biomarkers.

Case studies on the applications of biomarkers in disease diagnosis.

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 Diagnostics

Workshop on the applications of molecular diagnostics in clinical settings.
Practical techniques for using molecular diagnostics in patient care.
Case studies on the impact of molecular diagnostics 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

2. Workshop in Advanced Techniques in Molecular Diagnostics

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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 molecular techniques in diagnostics.
Hands-on session on using CRISPR, digital PCR, and other methods.
Practical demonstration of advanced diagnostics applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Point-of-Care Molecular Diagnostics

Exploring point-of-care molecular diagnostics approaches.
Workshop on developing and implementing rapid diagnostic tests.
Case studies on the applications of point-of-care diagnostics in healthcare.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Molecular Imaging Techniques

Hands-on session on molecular imaging techniques.
Exploring techniques for visualizing molecular processes in vivo.
Practical applications of molecular imaging in diagnostics.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Data Analysis in Molecular Diagnostics

Workshop on data analysis techniques for molecular diagnostics.
Practical techniques for analyzing and interpreting diagnostic data.
Case studies on using bioinformatics tools in diagnostics.

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 Diagnostics 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: Role of Molecular Diagnostics in Disease Research

Overview of the importance of molecular diagnostics in disease research.
Hands-on session on studying disease mechanisms using diagnostics techniques.
Case studies on the impact of molecular diagnostics 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 Diagnostics in Cancer Research

Exploring the role of molecular diagnostics in cancer research.

Workshop on using diagnostics techniques for early detection and treatment of cancer.

Case studies on the applications of molecular diagnostics 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 Diagnostics in Infectious Diseases

Hands-on session on the use of molecular diagnostics in studying infectious diseases.

Exploring techniques for identifying pathogens and studying infections.

Practical applications of molecular diagnostics in developing treatments for infectious 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 Diagnostics

Workshop on translating diagnostics research into clinical practice.

Practical techniques for using diagnostics data in clinical settings.

Case studies on the impact of molecular diagnostics 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 Diagnostics

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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 Diagnostics

Introduction to emerging technologies in molecular diagnostics.

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

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

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 Diagnostics

Exploring the role of AI and machine learning in molecular diagnostics.
Workshop on developing predictive models using AI and ML.
Case studies on the applications of AI in enhancing diagnostics 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 Diagnostics

Hands-on session on integrating multi-omics data in molecular diagnostics.
Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in diagnostics 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 Diagnostics

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

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 Diagnostics

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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 Diagnostics Research

Overview of ethical issues in diagnostics research.

Case studies on ethical dilemmas in developing and using diagnostics.

Workshop on addressing ethical considerations in diagnostics 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 Diagnostics

Exploring regulatory guidelines and requirements for diagnostics 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 diagnostics 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 Diagnostics Research

Discussion on policy and planning for sustainable diagnostics research.

Case studies on effective policies and planning strategies.

Workshop on integrating ethical and social considerations in diagnostics 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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Molecular Diagnostics 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.