



Medical Biotechnology Workshops

Medical Biotechnology Workshops

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

[Medical Biotechnology Workshops Application Process](#)

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Medical Biotechnology Brilliance: Unfold Your Scientific Curiosity!

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

1. Workshop in Introduction to Medical Biotechnology

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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 Medical Biotechnology

Overview of medical biotechnology principles and applications.

Hands-on session on the use of biotechnology in healthcare.

Introduction to the importance of medical biotechnology in modern medicine.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Diagnostic Biotechnology

Interactive session on diagnostic techniques in medical biotechnology.

Workshop on using molecular techniques for disease diagnosis.

Practical demonstration of diagnostic assays and methods.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Therapeutic Biotechnology

Exploring biotechnological approaches to therapy.

Hands-on training on gene therapy, monoclonal antibodies, and other methods.

Case studies on the application of biotechnology in developing new treatments.

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 impact of regenerative medicine on healthcare.

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 Medical Biotechnology

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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 medical biotechnology.

Hands-on session on CRISPR, next-generation sequencing, and other methods.
Practical demonstration of advanced molecular biology applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Biopharmaceuticals

Exploring the development and production of biopharmaceuticals.
Workshop on using biotechnology to develop new drugs and therapies.
Case studies on the applications of biopharmaceuticals in medicine.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biotechnology in Immunotherapy

Hands-on session on the use of biotechnology in immunotherapy.
Exploring techniques for developing vaccines and immune-based treatments.
Practical applications of immunotherapy in treating diseases.

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 Personalized Medicine

Workshop on the role of biotechnology in personalized medicine.
Practical techniques for using genetic information to tailor treatments.
Case studies on the impact of personalized medicine on patient care.

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 Medical Biotechnology 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 Medical Biotechnology in Disease Research

Overview of the importance of medical biotechnology in disease research.

Hands-on session on studying disease mechanisms using biotechnological techniques.

Case studies on the impact of medical biotechnology in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Medical Biotechnology in Cancer

Research

Exploring the role of medical biotechnology in cancer research.
Workshop on using biotechnological techniques to study cancer.
Case studies on the applications of medical biotechnology in cancer therapy.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Medical Biotechnology in Infectious Diseases

Hands-on session on the use of medical biotechnology in studying infectious diseases.
Exploring techniques for developing vaccines and antiviral therapies.
Practical applications of medical biotechnology 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 Medical Biotechnology

Workshop on translating medical biotechnology research into clinical practice.
Practical techniques for using biotechnological data in clinical settings.
Case studies on the impact of medical biotechnology 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 Medical Biotechnology

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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 Medical Biotechnology

Introduction to emerging technologies in medical biotechnology.

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

Case studies on innovative applications of new technologies in medical biotechnology.

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 Medical Biotechnology

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

Workshop on developing predictive models using AI and ML.

Case studies on the applications of AI in enhancing biotechnological 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 Medical Biotechnology

Hands-on session on integrating multi-omics data in medical biotechnology.
Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in biomedical 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 Medical Biotechnology

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

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 Medical Biotechnology

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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 Biotechnology Research

Overview of ethical issues in medical biotechnology research.

Case studies on ethical dilemmas in studying biotechnological processes.

Workshop on addressing ethical considerations in medical biotechnology 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 Biotechnology

Exploring regulatory guidelines and requirements for medical biotechnology 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 biotechnology 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 Biotechnology

Discussion on policy and planning for sustainable medical biotechnology research.
Case studies on effective policies and planning strategies.
Workshop on integrating ethical and social considerations in medical biotechnology 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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Medical Biotechnology 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 o t] com.
3. Our Workshop department will contact you promptly to provide further assistance.