



Molecular Pharmacology Workshops

Molecular Pharmacology Workshops

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

[Molecular Pharmacology Workshops Application Process](#)

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Lead the Way in Molecular Pharmacology: Choose a Workshop Today!

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

1. Workshop in Introduction to Molecular Pharmacology

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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 Pharmacology

Overview of molecular pharmacology principles and applications.

Hands-on session on studying drug interactions at the molecular level.

Introduction to the importance of molecular pharmacology in drug development and therapy.

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

Networking and refreshments.

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

Interactive session on techniques used in molecular pharmacology.

Workshop on using high-throughput screening, bioinformatics, and other methods.

Practical demonstration of molecular pharmacology techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Drug-Receptor Interactions

Exploring drug-receptor interactions.

Hands-on training on studying receptor binding and signal transduction.

Case studies on the role of molecular pharmacology in understanding drug mechanisms.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Pharmacokinetics and Pharmacodynamics

Workshop on pharmacokinetics and pharmacodynamics.

Practical techniques for studying drug absorption, distribution, metabolism, and excretion.

Case studies on the applications of molecular pharmacology in optimizing drug therapy.

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 Pharmacology

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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 techniques in molecular pharmacology.
Hands-on session on using CRISPR, RNAi, and other methods.
Practical demonstration of advanced molecular pharmacology applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Drug Discovery and Development

Exploring drug discovery and development approaches.
Workshop on using molecular techniques for target identification and validation.
Case studies on the applications of molecular pharmacology in drug discovery.

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

Catered lunch and networking opportunity.

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

Hands-on session on personalized medicine.
Exploring techniques for tailoring drug therapy based on genetic profiles.
Practical applications of molecular pharmacology in personalized medicine.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Pharmacogenomics

Workshop on pharmacogenomics techniques.
Practical techniques for studying genetic variations that affect drug response.
Case studies on the role of pharmacogenomics in optimizing drug therapy.

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 Pharmacology 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 Molecular Pharmacology in Disease Research

Overview of the importance of molecular pharmacology in disease research.
Hands-on session on studying drug mechanisms of action in diseases.
Case studies on the impact of molecular pharmacology in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Cancer Pharmacology

Exploring the role of molecular pharmacology in cancer research.

Workshop on using molecular techniques to study and treat cancer.

Case studies on the applications of molecular pharmacology in cancer therapy.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Cardiovascular Pharmacology

Hands-on session on the use of molecular pharmacology in studying cardiovascular diseases.

Exploring techniques for identifying and targeting cardiovascular drugs.

Practical applications of molecular pharmacology in developing treatments for heart 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 Pharmacology

Workshop on translating pharmacology research into clinical practice.

Practical techniques for using molecular data in clinical settings.

Case studies on the impact of molecular pharmacology 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 Pharmacology

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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 Pharmacology

Introduction to emerging technologies in molecular pharmacology.

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

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

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 Pharmacology

Exploring the role of AI and machine learning in drug research.

Workshop on developing predictive models using AI and ML.
Case studies on the applications of AI in enhancing molecular pharmacology 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 Pharmacology

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

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

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 Pharmacology

+

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 Pharmacology Research

Overview of ethical issues in molecular pharmacology research.

Case studies on ethical dilemmas in studying and applying pharmacological techniques.

Workshop on addressing ethical considerations in pharmacology 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 Pharmacology Research

Exploring regulatory guidelines and requirements for molecular pharmacology 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 pharmacology 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 Pharmacology Research

Discussion on policy and planning for sustainable pharmacology research.
Case studies on effective policies and planning strategies.
Workshop on integrating ethical and social considerations in pharmacology 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 Pharmacology 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.