



General Biochemistry Workshops

General Biochemistry Workshops

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

[General Biochemistry Workshops Application Process](#)

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General Biochemistry Bound: Explore Our Exciting Workshops!

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

1. Workshop in Introduction to General Biochemistry

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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 Biochemistry

Overview of biochemistry principles and applications.

Hands-on session on biochemical techniques.

Introduction to the importance of biochemistry in life sciences.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Structure and Function of Biomolecules

Interactive session on the structure and function of proteins, nucleic acids, carbohydrates, and lipids.

Workshop on techniques for analyzing biomolecules.

Practical demonstration of structural biology methods.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Enzymology

Exploring enzyme kinetics and mechanisms.

Hands-on training on enzyme assays and inhibition studies.

Case studies on the applications of enzymes in research and industry.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Metabolism and Bioenergetics

Workshop on metabolic pathways and energy production.

Practical techniques for studying cellular metabolism.
Case studies on metabolic disorders and their biochemical basis.

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 Biochemistry

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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 Analytical Techniques in Biochemistry

Introduction to advanced analytical techniques for biochemical analysis.
Hands-on session on mass spectrometry and chromatography.
Practical demonstration of high-throughput techniques in biochemistry.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Structural Biology and Biochemistry

Exploring structural biology techniques in biochemistry.
Workshop on using X-ray crystallography and NMR spectroscopy.
Case studies on the applications of structural biology in understanding biomolecular function.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Systems Biology and Biochemistry

Hands-on session on systems biology approaches in biochemistry.
Exploring techniques for integrating omics data.
Practical applications of systems biology in understanding complex biological systems.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Computational Biochemistry

Workshop on computational tools for biochemical research.
Practical techniques for molecular modeling and simulations.
Case studies on the use of computational methods in biochemistry.

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 Biochemistry 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 Biochemistry in Disease Research

Overview of the importance of biochemistry in disease research.
Hands-on session on biochemical analysis of disease markers.
Case studies on the impact of biochemistry in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Biochemical Basis of Genetic Disorders

Exploring the biochemical basis of genetic disorders.

Workshop on using biochemical techniques for diagnosing genetic diseases.

Case studies on the applications of biochemistry in medical genetics.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biochemistry in Cancer Research

Hands-on session on the role of biochemistry in cancer research.

Exploring techniques for studying cancer metabolism and signaling pathways.

Practical applications of biochemistry in developing cancer therapies.

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 Biochemistry

Workshop on translating biochemical research into clinical practice.

Practical techniques for using biochemical data in clinical settings.

Case studies on the impact of biochemistry 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 Biochemistry

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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 Biochemistry

Introduction to emerging technologies in biochemical research.

Hands-on session on using advanced analytical techniques for biochemical analysis.

Case studies on innovative applications of new technologies in biochemistry.

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 Biochemistry

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

Workshop on developing predictive models for biochemical analysis.

Case studies on the application of AI in biochemistry 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 Biochemistry

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

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 Biochemistry

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

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 Biochemistry

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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 Biochemical Research

Overview of ethical issues in biochemical research.

Case studies on ethical dilemmas in studying biochemistry.

Workshop on addressing ethical considerations in biochemical 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 Biochemistry

Exploring regulatory guidelines and requirements for biochemical 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 biochemical 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 Biochemical Research

Discussion on policy and planning for sustainable biochemical research.

Case studies on effective policies and planning strategies.

Workshop on integrating ethical and social considerations in biochemical 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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General Biochemistry Workshops Application Process

1. Select a workshop from the list.

NTHRYS OPC PVT LTD General Biochemistry Workshops

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.