



Applied Metabolomics Workshops

Applied Metabolomics Workshops

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

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Applied Metabolomics Beckons: Dive Into Our Workshops!

1. [Workshop in Introduction to Applied MetabolomicsPDF](#)
2. [Workshop in Advanced Techniques in Applied MetabolomicsPDF](#)
3. [Workshop in Emerging Trends in Applied MetabolomicsPDF](#)

1. Workshop in Introduction to Applied Metabolomics

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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 Metabolomics

Overview of metabolomics and its significance.

Introduction to metabolites and metabolic pathways.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Analytical Techniques in Metabolomics

Hands-on training on analytical techniques used in metabolomics.

Practical session on mass spectrometry and NMR spectroscopy.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Analysis in Metabolomics

Overview of data analysis methods in metabolomics.

Practical exercises on using software tools for metabolomic data analysis.

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 in Applied Metabolomics

Discussion on real-world case studies of applied metabolomics.

Analysis of metabolomics studies in health, agriculture, and 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

2. Workshop in Advanced Techniques in Applied Metabolomics

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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: Targeted and Untargeted Metabolomics

Introduction to targeted and untargeted metabolomics approaches.
Practical demonstration of experimental design and data acquisition.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Metabolomic Profiling

Overview of metabolomic profiling techniques.

Hands-on workshop on sample preparation and profiling methods.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Metabolic Pathway Analysis

Introduction to metabolic pathway analysis and interpretation.

Practical session on pathway enrichment analysis and visualization.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Integrative Omics Approaches

Discussion on integrating metabolomics with other omics technologies.

Case studies on multi-omics data integration and its applications.

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 Trends in Applied Metabolomics

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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: Clinical Metabolomics

Introduction to the applications of metabolomics in clinical research.

Practical session on biomarker discovery and validation.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Environmental Metabolomics

Overview of metabolomics in environmental studies.

Hands-on workshop on analyzing environmental samples for metabolomic profiling.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Food and Nutritional Metabolomics

Discussion on the role of metabolomics in food science and nutrition.
Practical exercises on analyzing food samples for metabolic content.

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 Metabolomics

Exploration of future trends and innovations in metabolomics.
Case studies on cutting-edge research and its impact on various fields.

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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Applied Metabolomics 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.