



Genomics Workshops

Genomics Workshops

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

[Genomics Workshops Application Process](#)

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Lead the Way in Genomics: Choose a Workshop Today!

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

1. Workshop in Introduction to Genomics

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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 Genomics

Overview of genomics principles and applications.

Hands-on session on genome sequencing and analysis.

Introduction to the importance of genomics in biological research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Genomic Technologies

Interactive session on the technologies used in genomics.

Workshop on next-generation sequencing and other genomic tools.

Practical demonstration of sequencing and data analysis.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Functional Genomics

Exploring techniques for studying gene function.

Hands-on training on using functional genomics tools.

Case studies on the applications of functional genomics in research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Comparative Genomics

Workshop on comparing genomes across different species.

Practical techniques for comparative genomics analysis.

Case studies on the insights gained from comparative genomics.

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 Genomics

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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: High-Throughput Genomics

Introduction to high-throughput techniques in genomics.

Hands-on session on using large-scale genomic data.

Practical demonstration of high-throughput sequencing methods.

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

Networking and refreshments.

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

Exploring the study of epigenetic modifications in the genome.

Workshop on techniques for analyzing DNA methylation and histone modifications.

Case studies on the role of epigenetics in gene regulation.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Single-Cell Genomics

Hands-on session on single-cell genomic techniques.

Exploring methods for studying individual cell genomes.

Practical applications of single-cell genomics in research.

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

Time for a stretch and informal discussions.

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

Workshop on the study of genetic material from environmental samples.

Practical techniques for metagenomic analysis.

Case studies on the applications of metagenomics in microbial ecology.

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 Genomics 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 Genomics in Disease Research

Overview of the importance of genomics in disease research.

Hands-on session on identifying disease-related genetic variations.

Case studies on the impact of genomics 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 Genomics

Exploring the role of genomics in cancer research.

Workshop on using genomic techniques to study cancer biology.

Case studies on the applications of genomics in cancer therapy.

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

Catered lunch and networking opportunity.

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

Hands-on session on using genomics in personalized medicine.

Exploring techniques for identifying patient-specific genetic variations.

Practical applications of genomics in developing personalized 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 Genomics

Workshop on translating genomic research into clinical practice.

Practical techniques for using genomic data in clinical settings.

Case studies on the impact of genomics 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 Genomics

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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 Genomics

Introduction to emerging technologies in genomic research.

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

Case studies on innovative applications of new technologies in genomics.

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 Genomics

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

Workshop on developing predictive models for genomic analysis.

Case studies on the application of AI in genomics 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 Genomics

Hands-on session on integrating multi-omics data in genomic research.

Exploring techniques for combining genomics, proteomics, and metabolomics.

Practical applications of integrative omics in genomics.

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 Genomics

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

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 Genomics

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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 Genomic Research

Overview of ethical issues in genomic research.
Case studies on ethical dilemmas in studying genomics.
Workshop on addressing ethical considerations in genomic 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 Genomics

Exploring regulatory guidelines and requirements for genomic 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 genomic 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 Genomic Research

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