Gene Prediction Workshops

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

Gene Prediction Workshops Application Process
Back to All Workshops

Explore the Essence of Gene Prediction: Your Pathway to Discovery!

1. Workshop in Introduction to Gene PredictionPDF
2. Workshop in Advanced Techniques in Gene PredictionPDF
3. Workshop in Gene Prediction in Biomedical ResearchPDF
4. Workshop in Innovations in Gene PredictionPDF
5. Workshop in Ethical and Regulatory Perspectives in Gene PredictionPDF

1. Workshop in Introduction to Gene Prediction

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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 Gene Prediction

Overview of gene prediction principles and applications.
Hands-on session on identifying and annotating genes.
Introduction to the significance of gene prediction in genomics.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Computational Tools for Gene Prediction

Interactive session on using computational tools for gene prediction.
Workshop on using software and databases for gene analysis.
Practical demonstration of gene prediction algorithms.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Functional Annotation of Predicted Genes

Exploring techniques for functional annotation of predicted genes.
Hands-on training on using bioinformatics tools for annotation.
Case studies on the application of gene prediction 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: Applications of Gene Prediction

Workshop on various applications of gene prediction in research and medicine.

Practical techniques for studying gene function and expression.
Case studies on the use of gene prediction in drug discovery 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 Gene Prediction

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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 Gene Prediction

Introduction to high-throughput techniques for gene prediction.
Hands-on session on using next-generation sequencing data for gene analysis.
Practical demonstration of data analysis and interpretation.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Integrative Omics in Gene Prediction

Exploring integrative omics approaches in gene prediction.
Workshop on using multi-omics data for gene function analysis.
Case studies on the integration of omics data in gene prediction research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Computational Approaches in Gene Prediction

Hands-on session on computational approaches for gene prediction.
Exploring bioinformatics tools and algorithms for gene function analysis.
Practical applications of computational gene prediction 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: Structural Genomics and Gene Prediction

Workshop on using structural genomics to improve gene prediction.
Practical techniques for studying protein structures and interactions.
Case studies on the role of structural genomics in gene prediction 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

3. Workshop in Gene Prediction 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 Gene Prediction in Disease Research

Overview of the importance of gene prediction in disease research.
Hands-on session on identifying disease-related genes.
Case studies on the impact of gene prediction in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Gene Prediction in Cancer Research

Exploring the role of gene prediction in cancer research.
Workshop on using gene prediction to identify cancer biomarkers and therapeutic targets.
Case studies on the applications of gene prediction in cancer therapy.

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

Catered lunch and networking opportunity.

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

Hands-on session on using gene prediction in personalized medicine.
Exploring techniques for identifying patient-specific gene functions.
Practical applications of gene prediction 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 Gene Prediction

Workshop on translating gene prediction research into clinical practice.
Practical techniques for using gene prediction data in clinical settings.
Case studies on the impact of gene prediction 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 Gene Prediction

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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 Gene Prediction

Introduction to emerging technologies for gene prediction.
Hands-on session on using advanced analytical techniques for gene prediction.
Case studies on innovative applications of new technologies in gene prediction.

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 Gene Prediction

Exploring the role of AI and machine learning in gene prediction.
Workshop on developing predictive models for gene function analysis.

Case studies on the application of AI in gene prediction 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 Gene Prediction

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

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 Gene Prediction

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

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 Gene Prediction

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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 Gene Prediction Research

Overview of ethical issues in gene prediction research.
Case studies on ethical dilemmas in studying gene functions.
Workshop on addressing ethical considerations in gene prediction 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 Gene Prediction

Exploring regulatory guidelines and requirements for gene prediction 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 gene prediction 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 Gene Prediction

Discussion on policy and planning for sustainable gene prediction research.
Case studies on effective policies and planning strategies.
Workshop on integrating ethical and social considerations in gene prediction 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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Gene Prediction 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.