



Cancer Systems Biology Workshops

Cancer Systems Biology Workshops

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

[Cancer Systems Biology Workshops Application Process](#)

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Your Gateway to Cancer Systems Biology: Workshop Selections!

1. [Workshop in Introduction to Cancer Systems BiologyPDF](#)
2. [Workshop in Advanced Techniques in Cancer Systems BiologyPDF](#)
3. [Workshop in Emerging Trends in Cancer Systems BiologyPDF](#)

1. Workshop in Introduction to Cancer Systems Biology

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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 Cancer Systems Biology

Overview of cancer systems biology and its significance.

Introduction to systems biology approaches in understanding cancer.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Omics Technologies in Cancer Research

Hands-on training on omics technologies used in cancer research.

Practical session on genomics, transcriptomics, proteomics, and metabolomics.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Computational Modeling of Cancer

Overview of computational modeling techniques in cancer systems biology.

Practical exercises on building and analyzing cancer models.

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 Cancer Systems Biology

Discussion on real-world case studies in cancer systems biology.

Analysis of systems biology approaches in cancer diagnosis, treatment, and prevention.

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 Cancer Systems Biology

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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: Integrative Omics Approaches

Introduction to integrative omics approaches in cancer research.

Practical demonstration of integrating genomics, proteomics, and metabolomics data.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Network Biology in Cancer

Overview of network biology and its applications in cancer.

Hands-on workshop on constructing and analyzing biological networks in cancer.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Integration and Analysis

Introduction to data integration and analysis techniques in cancer systems biology.

Practical session on using bioinformatics tools for multi-omics data integration.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Computational Drug Discovery

Discussion on computational drug discovery approaches in cancer.

Case studies on using computational models to identify potential cancer therapeutics.

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 Cancer Systems Biology

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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: Single-Cell Analysis in Cancer

Introduction to single-cell analysis techniques in cancer research.

Practical session on single-cell RNA sequencing and data analysis.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Personalized Cancer Medicine

Overview of personalized medicine approaches in cancer systems biology.

Hands-on workshop on developing personalized treatment plans based on systems biology data.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: AI and Machine Learning in Cancer Systems Biology

Discussion on the use of AI and machine learning in cancer research.
Practical exercises on applying machine learning algorithms to cancer systems biology data.

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 Cancer Systems Biology

Exploration of future trends and innovations in cancer systems biology.
Case studies on cutting-edge research and its impact on cancer treatment and prevention.

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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Cancer Systems Biology 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.