



Rdna Technology Workshops

Rdna Technology Workshops

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

[Rdna Technology Workshops Application Process](#)

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Rdna Technology Beckons: Dive Into Our Workshops!

1. [Workshop in Practical Techniques in rDNA TechnologyPDF](#)
2. [Workshop in Advanced Techniques in rDNA TechnologyPDF](#)
3. [Workshop in Emerging Technologies in rDNA TechnologyPDF](#)
4. [Workshop in rDNA Technology in MedicinePDF](#)
5. [Workshop in Integrative Approaches in rDNA TechnologyPDF](#)

1. Workshop in Practical Techniques in rDNA Technology

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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: Introduction to rDNA Technology

Overview of recombinant DNA technology and its applications.

Techniques for creating recombinant DNA.

Case studies on rDNA technology in various fields.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Cloning and Expression Vectors

Techniques for using cloning and expression vectors.

Practical session on designing and constructing vectors.

Discussion on optimizing cloning strategies.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Gene Editing with CRISPR

Introduction to CRISPR gene editing technology.

Practical demonstration of CRISPR-Cas9 techniques.

Case studies on gene editing applications.

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 and Applications

Review of significant case studies in rDNA technology.

Applications in medicine, agriculture, and industry.

Future trends and research directions.

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 rDNA Technology

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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 Cloning Techniques

Advanced techniques for cloning and vector construction.

Practical session on using advanced cloning methods.

Troubleshooting and optimizing cloning efficiency.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Protein Expression and Purification

Overview of protein expression systems.

Practical session on expressing and purifying recombinant proteins.

Case studies on optimizing protein production.

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

Catered lunch and networking opportunity.

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

Using rDNA technology in functional genomics.

Practical session on gene knockouts and overexpression.

Case studies on functional genomics research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biotechnology in rDNA Technology

Strategies for integrating biotechnology in rDNA research.

Case studies on biotechnological applications.

Future trends and challenges in the field.

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 Technologies in rDNA Technology

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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: Synthetic Biology

Introduction to synthetic biology and its applications.

Techniques for designing synthetic genes and pathways.

Hands-on session with synthetic biology tools.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: High-Throughput Screening

Using high-throughput screening in rDNA research.

Practical session on setting up and running screening assays.

Troubleshooting and optimizing screening processes.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Approaches

Combining rDNA technology with other biological data.

Case studies on integrative approaches.

Practical session on 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: Future Directions

Emerging trends and technologies in rDNA technology.

Discussion on potential breakthroughs and innovations.

Networking session for collaborative research opportunities.

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 rDNA Technology in Medicine

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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: Gene Therapy

Introduction to gene therapy using rDNA technology.

Case studies on successful gene therapy treatments.

Practical session on designing and implementing gene therapy protocols.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Vaccine Development

Techniques for developing vaccines using rDNA technology.

Case studies on vaccine research and development.

Practical session on producing recombinant vaccines.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Drug Development

Using rDNA technology in drug development.

Case studies on recombinant protein drugs.

Practical session on screening and optimizing drug candidates.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Challenges in Medicine

Discussion on future challenges and opportunities in rDNA technology for medicine.

Strategies for addressing these challenges.

Networking session for collaborative solutions.

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 Integrative Approaches in rDNA Technology

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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: Multi-Omics Data Integration

Introduction to multi-omics data integration.
Practical session on combining genetic, epigenetic, and proteomic data.
Case studies on integrative approaches.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: rDNA Technology and Ecology

Exploring the intersection of rDNA technology and ecology.
Case studies on ecological applications.
Practical session on ecological data analysis.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Computational Tools and Resources

Overview of computational tools for rDNA technology.
Hands-on session with popular software and databases.
Discussion on best practices and resources.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Trends and Collaborations

Discussion on future trends in rDNA technology.
Strategies for fostering collaborations.
Networking session for potential partnerships.

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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Rdna Technology 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.