



## Animal Biotechnology Workshops

# Animal Biotechnology Workshops

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

[Animal Biotechnology Workshops Application Process](#)

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## Innovate and Inspire: Animal Biotechnology Workshops Designed for You!

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

### 1. Workshop in Introduction to Animal Biotechnology

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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 Animal Biotechnology**

Overview of animal biotechnology and its applications.

Introduction to genetic engineering in animals.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Cloning and Transgenesis**

Hands-on training on animal cloning techniques.

Practical session on creating transgenic animals.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Animal Cell Culture**

Overview of animal cell culture techniques.

Practical exercises on cell culture and maintenance.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Ethical Issues in Animal Biotechnology**

Discussion on ethical considerations in animal biotechnology.

Case studies on the ethical implications of genetic modifications in animals.

**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 Animal Biotechnology**

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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: CRISPR and Gene Editing in Animals**

Introduction to CRISPR-Cas9 technology for gene editing.  
Practical demonstration of gene editing in animal models.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Animal Genomics and Proteomics**

Overview of genomics and proteomics in animal research.

Hands-on workshop on sequencing and protein analysis.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Biotechnology in Animal Health**

Applications of biotechnology in veterinary medicine.

Practical session on developing vaccines and therapeutics.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Animal Biotechnology in Agriculture**

Discussion on the use of biotechnology in livestock improvement.

Case studies on enhancing animal traits through genetic modification.

**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 Animal Biotechnology

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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: Biotechnology for Conservation**

Introduction to the use of biotechnology for wildlife conservation.

Practical session on genetic rescue and biodiversity preservation.

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

Networking and refreshments.

#### **10:30 AM - 12:00 PM: Session 2: Stem Cell Technology in Animals**

Overview of stem cell research and its applications.

Hands-on workshop on stem cell isolation and differentiation.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Innovations in Animal Biotechnology**

Discussion on recent innovations and future trends.

Practical exercises on applying new biotechnological tools in animal research.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Regulatory and Ethical Future Directions**

Exploration of future regulatory and ethical challenges.

Case studies on navigating the regulatory landscape in animal 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**

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**

**M: +91-7993084748**

**Email: workshops ( a t ) nthrys [ d0t ] com**

## **Animal Biotechnology 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.