Animal Research Ethics Training Course

Professional Development Training Course Outline

Category	Research and Data Analysis	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Animal research is pivotal for advancing biomedical sciences, drug discovery, and behavioral studies. However, ethical conduct in animal research is a non-negotiable responsibility for researchers, institutions, and regulatory bodies. Ensuring adherence to international standards, such as the 3Rs principle (Replacement, Reduction, Refinement), promotes scientific integrity, animal welfare, and public trust. Animal Research Ethics Training Course equips participants with in-depth knowledge of ethical frameworks, regulatory compliance, and responsible research practices in animal experimentation.

With rapidly evolving regulations and heightened public scrutiny, professionals engaged in animal research must remain updated on institutional review processes, humane care protocols, and innovative alternatives to animal use. The course emphasizes practical application through real-world case studies, interactive discussions, and scenario-based learning, preparing researchers to implement ethically sound, reproducible, and socially responsible research practices.

Programme Curriculum

Animal Research Ethics Training Course

Introduction

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Course Duration

5 days

Course Objectives

By the end of this course, participants will be able to:

1. Understand international and national animal research ethics regulations.
2. Apply the 3Rs principles in research design and execution.
3. Implement humane animal care and welfare practices.
4. Navigate Institutional Animal Care and Use Committee (IACUC) processes effectively.
5. Identify ethical dilemmas and make responsible scientific decisions.
6. Conduct risk assessments for animal experimentation.
7. Integrate alternatives to animal use in experimental design.
8. Ensure compliance with laboratory animal standards.
9. Develop standard operating procedures (SOPs) for ethical animal research.
10. Promote reproducible and transparent research practices.
11. Recognize and report animal welfare violations.
12. Engage in interdisciplinary collaboration for ethical research.
13. Communicate research findings while maintaining ethical integrity and public trust.

Target Audience

1. Biomedical researchers
2. Laboratory animal technicians
3. Veterinarians
4. Research coordinators
5. Graduate students in life sciences
6. Regulatory affairs professionals
7. Institutional review board members
8. Animal welfare officers

Course Modules

Module 1: Introduction to Animal Research Ethics

- Overview of global and national animal research regulations
- Historical perspectives and landmark ethical cases
- The 3Rs principle
- Importance of public trust and ethical accountability
- **Case Study:** Ethical review of a controversial animal study

Module 2: Legal and Regulatory Frameworks

- International standards

- National legislation and compliance requirements
- Institutional Animal Care and Use Committees
- Documentation and reporting obligations
- **Case Study:** Compliance audit of a university research lab

Module 3: Animal Welfare and Husbandry

- Species-specific care requirements
- Environmental enrichment and humane housing
- Monitoring animal health and behavior
- Pain management and humane endpoints
- **Case Study:** Welfare intervention in rodent experiments

Module 4: Ethical Decision-Making in Research

- Identifying ethical dilemmas
- Risk-benefit analysis in animal experimentation
- Conflict resolution in research teams
- Maintaining integrity in high-stakes research
- **Case Study:** Decision-making during toxicology trials

Module 5: Alternative Methods in Research

- In vitro and computational models
- Organoids and tissue engineering
- Non-invasive imaging techniques
- Strategies to reduce animal use in experiments
- **Case Study:** Replacing animal models with organ-on-chip systems

Module 6: Experimental Design and Protocol Development

- Aligning research goals with ethical principles
- Sample size calculation and statistical justification
- Minimizing animal stress in experiments
- Creating robust, reproducible protocols
- **Case Study:** Designing an ethically responsible behavioral study

Module 7: Monitoring, Reporting, and Auditing

- Daily monitoring protocols
- Incident reporting and corrective actions
- Institutional and regulatory inspections
- Documentation for transparency and accountability
- **Case Study:** Reporting unexpected mortality in lab animals

Module 8: Communication, Collaboration, and Advocacy

- Ethical communication of research findings
- Engaging stakeholders and public outreach
- Collaborative approaches to reduce animal use
- Advocating for animal welfare in institutional policies
- **Case Study:** Implementing an institutional animal welfare improvement plan

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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