



Introduction to Working with Rodents in Research (IWRR)

Course Outline

Online Course Outline (4-8hr)

- Introduction to Using Animals in Research
 1. The Canadian Council on Animal Care
 2. The Animal Care Committee
- Behaviour and Physiology of Rodents
- Recognition of Abnormality in Rodents
 1. Clinical signs of illness or injury
 2. Treatment options
- Specific Conditions
- Monitoring
 1. Post-procedure monitoring
- Occupational Hygiene & Empathic Strain
- Introduction to Euthanasia
- Pathology and Necropsy

Mouse Hands-On Lab Outline (1.5hr)

Lab tasks	Approximate time required
1. Enter lab, wash hands, done lab coat and gloves	5-10 minutes
2. Introduction, discuss experience and mouse strains	5 minutes
3. Video	5 minutes
4. Hands on Demonstration	5 minutes
Receive Cage 1	
5. Open cage/remove food/water	5 minutes
6. Use tube or hands to move mice from one cage to another	10 minutes
Repeat steps 5 and 6 for Cage 2	

Rat Hands-On Lab Outline (1 hr)

Lab tasks	Approximate time required
Enter lab, wash hands, done lab coat and gloves	5-10 minutes
Introduction and discuss experience	5 minutes
Video	5 minutes
Open cage/remove food/water	5 minutes
Use tunnel or hands to move rat from cage to arms. Hold the rat	10 minutes
Return food/water and close lid	5 minutes