

# Humane Treatment & Use of Laboratory Rats and Mice

## General Care

Zoonosis – definition and prevention

How to handle a rat and a mouse

How to restrain a rat

How to tell if a rat will bite

How to sex a rat and a mouse (whaaaat?)

Signs of illness & disease: 5 signs

Housing considerations

Temperature, humidity, light: dark cycle, space, exercise, alone vs in groups



## Rodents in Research

Obtaining animals for research

IACUC

Using male vs female animals

Food and/or water deprivation – circumstances and precautions

Research involving stress and pain

Standardizing the lab environment

Multiple vs single use experimentation

## Euthanasia

Euthanasia vs pet giveaway vs other options

Euthanasia criteria

quick, painless, irreversible, acceptable and safe to the person performing it

Live decapitation

## Anti-cruelty course policy

*Anyone who deliberately mistreats a laboratory animal will receive an automatic F in the lab - and he/she will not be permitted to retake the lab. That F will stay on their transcript.*