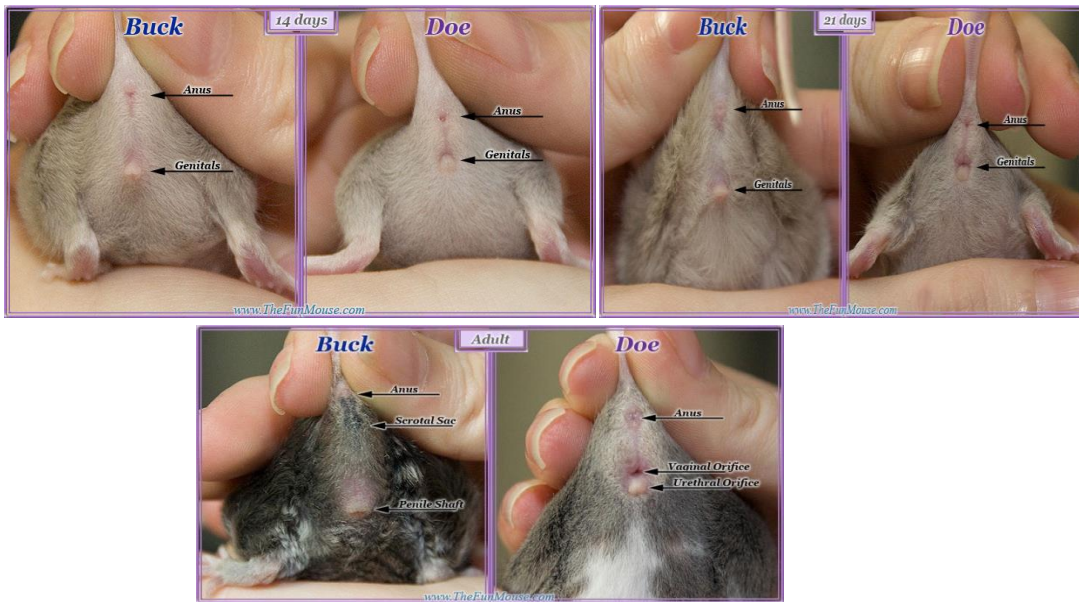


Mouse and Rat Lab

- Take students into the room which mice are housed.
- General introduction on lab mice using a live mouse.
- Why we use mice as research animals



- Types of lab mice
- Sexing



- Husbandry/Housing



Ventilated cage rack cage

Microisolator top cage

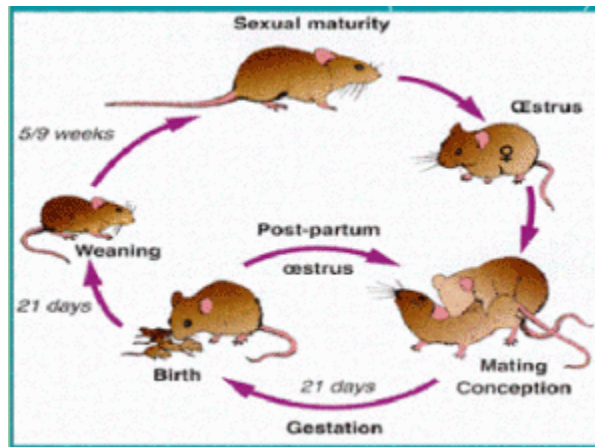
opti-mice cage rack cage



Bedding material

enrichments

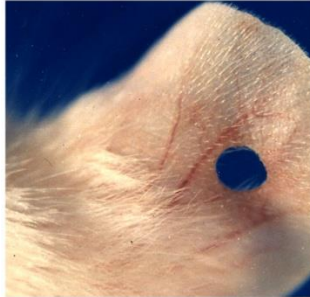
- Reproduction



- Identification method
 - Permanent tattoo



- Ear punching



- Micro chipping



- Practical part

- Demonstrate how to move a mouse and how to scruff a mouse.



- Tail nicking



- Show students how to euthanize a mouse using isoflurane swabs
- Discuss about IP injections and demonstrate how to perform IP injections, and then allow students to practice IP injections using the dead mouse.



- Demonstrate how to perform a cardiac puncture and allow students to perform a cardiac puncture.



- Discuss about rats and show students how to restrain a rat.



