

## LATG - Quiz # 8 (Ch. 16, 17, 18)

1. A singly housed 2 yr. old female mouse has a 1cm circumscribed mass along its left dorsolateral thoracic area. Based on this brief history what is the most likely cause for this mass?
  - a. Ectopic pregnancy
  - b. Cuterebra infestation
  - c. Brown fat
  - d. Mammary tumor
  
2. Mice, rats, and hamsters have two sets of specialized glands associated with the eyes. In rats, secretions from this gland cause the conditions known as chromodacryorrhea and chromorhinorrhea.
  - a. Lacrimal glands
  - b. Porphyrin glands
  - c. Meibomian glands
  - d. Harderian glands
  
3. Which of the following is not an accessory sex gland of the male rat?
  - a. Prostate gland
  - b. Seminal vesicles
  - c. Coagulating glands
  - d. Perineal glands
  
4. What is the genus and species of the Syrian Hamster?
  - a. *Cricetulus griseus*
  - b. *Mesocricetus auratus*
  - c. *Phodopus sungorus*
  - d. *Cricetulus migratorius*
  
5. Syrian hamsters have large cheek pouches that are devoid of lymphatic tissue. The lack of lymphatic tissue makes the hamster cheek pouch an ideal animal model for which field of research?
  - a. Hematology
  - b. Toxicology
  - c. Oncology
  - d. Immunology
  
6. A blood smear from a female guinea pig reveals mononuclear white blood cells with several pink intracytoplasmic inclusions. What is the common name for these unique leukocytes?
  - a. Purkinje cells
  - b. Kupper cells
  - c. Precocious cells
  - d. Foa-Kurloff cells

7. What is the genus and species of the laboratory rabbit?
- Oryctolagus cuniculus*
  - Sigmodon hispidus*
  - Marmota monax*
  - Monodelphis domestica*
8. What are the two most common types of isolators used to maintain gnotobiotic animals?
- Microisolator & Conventional
  - Gnotobiotic & Axenic
  - Polyvinyl & Polyurethane
  - Rigid & Flexible
9. \_\_\_\_\_ is the single most important process which led to the development of disease free rodents.
- Cesarean derivation
  - Embryo transfer
  - In vitro fertilization
  - Cryopreservation
10. Which bacterial agent is known to cross the placental-uterine bloodstream and infect cesarean derived rodent pups?
- Coxiella brunetti*
  - Bartonella henselae*
  - Mycoplasma pulmonis*
  - Streptococcus zooepidemicus*