

Self-Assessment - WSC 2019-2020 Conference 5

1. Which of the following is true regarding Johne's disease in sheep?
  - a. It results in severe diarrhea.
  - b. Caseating tubercles in the lymph nodes are more common than they are in cattle.
  - c. Paucibacillary forms are associated with a strong humoral response
  - d. Multibacillary forms are associated with a strong cell-mediated response.
2. Which of the following is NOT true concerning testing for Johne's disease in sheep.
  - a. PCR is not recommended for herd testing
  - b. ELISA tests may cross-react with *Corynebacterium pseudotuberculosis*.
  - c. Some studies indicate that paucibacillary forms may result in false negatives on serologic tests.
  - d. Rectal biopsies are the best source of positive testing for paucibacillary forms.
3. Which of the following virulence factors of *Yersinia* alters the actin cytoskeleton to inhibit phagocytosis?
  - a. Yersinia outer proteins
  - b. endotoxin
  - c. Invasin
  - d. Type III secretion system
4. Which of the following is true concerning rabbit hemorrhagic disease?
  - a. This disease primarily results in mortality in animals less than 3 weeks of age.
  - b. Apoptosis is the main route of hepatocellular necrosis and viral spread to adjacent cells.
  - c. The first identification of the virus was in the United States in the mid-1980s.
  - d. The virus shows primary tropism for macrophages.
5. Which of the following is true concerning spinal nephroblastoma in the dog?
  - a. It is most commonly the result of metastasis from a renal primary tumor.
  - b. It is primarily a tumor of dogs 5 years of age or older.
  - c. Metaplastic differentiation to muscle, bone, and cartilage is commonly seen in this tumor.
  - d. Wilms tumor-1 (WT-1) is a good marker for this variant of nephroblastoma.

Please email your completed assessment for grading to Dr. Bruce Williams at [bruce.h.williams12.civ@mail.mil](mailto:bruce.h.williams12.civ@mail.mil). Passing score is 80%. This program (RACE program 33611) is approved by the AAVSB RACE to offer a total of 0.5 CE Credits, with a maximum of 12.5 CE Credits being available to any individual Veterinary Medical Professionals for the 2019-2020 Wednesday Slide Conference. This RACE approval is for the subject matter categories of: SCIENTIFIC using the delivery method of NON-INTERACTIVE DISTANCE. This approval is valid in jurisdictions which recognize AAVSB RACE.

