

1. Malformation of the following has been associated with PCV-3 infection in piglets?
  - a. Tail
  - b. Feet
  - c. Ears
  - d. Nose
  
2. Canine morbillivirus induces apoptosis in which of the following?
  - a. B cells
  - b. CD3+ lymphocytes
  - c. CD4+ lymphocytes
  - d. CD8+ lymphocytes
  
2. Which of the following paramyxoviruses is not contained within the genus *Morbillivirus* ?
  - a. Hendra virus
  - b. Distemper
  - c. Pestis du petits ruminants
  - d. Rinderpest
  
3. Which of the following proteins is the determination of virulence in canine distemper virus ?
  - a. P protein
  - b. Hemagglutinin protein
  - c. Fusion protein
  - d. Membrane protein
  
4. Which of the following has been identified as a cause of canine tuberculosis?
  - a. *M. smegmatis*
  - b. *M. microti*
  - c. *M. paratuberculosis*
  - d. *M. chelonae*

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 NONINTERACTIVE DISTANCE. This approval is valid in jurisdictions which recognize AAVSB RACE.