- 1. Which of the following immunostains would likely be negative in a chemodectoma?
 - a. Synaptophysin
 - b. Chromogranin A
 - c. NSE
 - d. Inhibin
- 2. One study in dogs with ARVH demonstrated mutations in which of the following in 65% of cases?
 - a. Striatin
 - b. Desmocollin
 - c. Desmoglein
 - d. Plakophilin
- 3. Which of the following statements bout canine meningiomas is NOT true?
 - a. Most are benign.
 - b. Female dogs are predisposed.
 - c. They account for 33-49% of all primary brain tumors.
 - d. They occur primarily in middle-aged and older dogs.
- 4. Which of the following immunostains would likely be negative in a meningioma?
 - a. GFAP
 - b. Vimentin
 - c. Cytokeratin
 - d. E-cadherin
- 5. Which of the following immunohistochemical markers would be negative in an esthesioblastoma (olfactory neuroblastoma)?
 - A. Chromagranin A
 - B. MAP-2
 - C. Cytokeratin
 - D. NSE

Please email your completed assessment for grading to Dr. Bruce Williams at 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.