

WSC 2021-2022 Self-assessment
Conference 1

1. Which of the following mechanisms is responsible for the toxic actions of amanitin?
 - a. Peroxidation of lipid membranes
 - b. Alkylation of nucleotides
 - c. Decoupling of oxidative phosphorylation in mitochondria and lactic acid accumulation
 - d. Inhibition of protein synthesis

2. Amanitin's effects on which of the following results in the classic gastroenteritis which accompanies toxicosis?
 - a. Villar epithelium
 - b. Crypt epithelium
 - c. Smooth muscle
 - d. All of the above

3. What is the putative gene whose mutation results in cholesterol deficiency (CD) in cattle ?
 - a. Apolipoprotein B gene
 - b. Podoplanin
 - c. Enterocyte LDL receptor
 - d. CCBE-1

4. Which of the following clinicopathologic changes are seen in cases of zinc toxicosis?
 - a. Trilinear bone marrow hypoplasia
 - b. Decreased amended insulin:glucose ratio
 - c. Heinz body anemia
 - d. Hypoglobulinemia

5. A "von Meyenburg complex" is a ?
 - a. Space-occupying proliferation of oval cells
 - b. Space occupying proliferation of neuroendocrine cells
 - c. Abnormal reduction of biliary ductules during fetal ontogeny
 - d. A 1960's action movie starring Frank Sinatra.

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.