

## **Scope of the ACVP Certifying Examination (Phase II) – Anatomic Pathology**

*“What a board-certified anatomic pathologist should know, recognize and be able to do”*

1. Identify and interpret macroscopic conditions in domestic and non-domestic animals and be able to:
  - Give a morphologic diagnosis
  - Give appropriate disease, condition, or differentials
  - List potential cause (s)
  - Outline a pathogenesis
  - Relate to clinical information and histologic finding (s)
  - Describe associated changes in other organs or clinicopathologic findings
  - Select appropriate ancillary tests and interpret their results (e.g. special stains, immunohistochemistry, electron microscopy, PCR-based clonality, flow cytometry, cytology, in situ hybridization, etc.)
  
2. Identify, describe and interpret microscopic changes in domestic and non-domestic animals and be able to:
  - Write an appropriate histopathologic description
  - Give a morphologic diagnosis
  - Give appropriate disease, condition, or differential diagnoses
  - List potential causes(s)
  - Outline a pathogenesis
  - Describe associated changes in other organs or clinicopathologic findings
  - Select appropriate ancillary tests and interpret their results (e.g. special stains, immunohistochemistry, electron microscopy, PCR-based clonality, flow cytometry, cytology, etc.)
  
3. Interpret clinicopathologic data from domestic and non-domestic animals
  - Know the cause (or most likely causes) of laboratory abnormalities
  - Integrate laboratory abnormalities into a diagnosis (or likely differential diagnoses)
  - Know appropriate ancillary tests to further refine a diagnosis or differential diagnoses
  
4. Understand the pathophysiology, progression and diagnosis of disease in animals
  - Includes in-depth knowledge of the pathology and pathogenesis of diseases of domestic animals (cattle, sheep, goat, horse, dog, and cat).
  - Includes knowledge of the pathology and pathogenesis of common conditions of nondomestic animals
  - Includes knowledge of new and emerging diseases
  - Includes familiarity with core concepts and current literature
  - Includes the ability to integrate test results (microscopic, hematologic, biochemical, etc.) and clinical information as appropriate

### Reference

The 2008 ACVP Role Delineation Survey and Initial Data Analysis, *Vet Pathol* 2009;46:567-575