

Invitation to the “PaP” PhD Seminar

We would like to kindly invite you to the presentation of
Prof. H. L. Shivaprasad, Avian Pathology, California Animal Health and Food
Safety Laboratory System (CAHFS), University of California, Davis

Date: **4 June 2018, Monday**

Time: **5:00 p.m. (s.t.)**

Room: **lecture hall E**

**Title: “Challenging and Interesting Poultry Disease cases encountered in a
Diagnostic Laboratory in California”**

Marek’s disease is a lymphoproliferative disease primarily of chickens caused by herpesvirus. Outbreaks of Marek’s disease occurred in two successive years on the same farm in 13-14-week-old layer-type chickens in spite of vaccination. Details of the outbreak and the reasons for vaccine failure will be discussed

Chlamydiosis caused by *C. psittaci* is a zoonotic disease which affects various species of birds most commonly psittacines and pigeons but also poultry such as turkeys. An outbreak of chlamydiosis in commercial organically grown turkeys occurred with unusual clinical signs and lesions affecting the nasal glands. Prompt diagnosis prevented the disease from spreading to people. Regulatory aspects of the disease will be discussed.

Histomoniasis also called Blackhead caused by *H. meleagridis* is a protozoal disease of various species of poultry with turkeys being most susceptible. An outbreak of presumably Histomoniasis based on morphology of the protozoa with high mortality occurred in a flock of Chukar partridges. However, when the liver and cecal contents from the birds were tested by PCR and other tests the protozoa were identified as *Tetratrichomonas gallinarum*. How do you reconcile between the morphology and the molecular characterization of the protozoa?

We are looking forward to seeing you there!