



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2008 – CNS Case 23

Case 23) VP 319/03: Tissue from a CHICKEN

Cerebellum and cerebrum: Multifocally in the gray and white matter, there is a mild to moderate perivascular infiltration with predominantly lymphocytes and to a lesser extent histiocytes and heterophils. There is also a mild accumulation of astrocytes (astrogliosis). Multifocally, the neuronal cytoplasm shows a hypereosinophilia and loss of Nissl substance (neuronal degeneration). The cerebrum exhibits multifocal mild hemorrhages.

Morphologic diagnosis:

Brain: Encephalitis, lymphocytic, multifocal, mild, acute

Etiology:

Highly pathogenic avian influenza virus (H7N7)