



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2008 – CNS Case 12

Case 12) S 2084/02: Tissue from a SEAL

Cerebrum: There is a diffuse, moderate to severe perivascular and leptomeningeal infiltration with lymphocytes, plasma cells, and histiocytes. Throughout the tissue there is a diffuse moderate astrogliosis. Within the white matter there is multifocal moderate vacuolation of neuroparenchyma. Occasionally there are up to 5 µm in diameter large eosinophilic intracytoplasmic and intranuclear inclusion bodies within glial cells present (viral inclusions).

Morphologic diagnosis:

Cerebrum: Meningo-encephalitis, lympho-histiocytic, multifocal, subacute with intranuclear and intracytoplasmic inclusion bodies

Etiology:

Phocine distemper virus.