



# ECVP/ESVP Summer School in Veterinary Pathology



## Marie Curie Training Courses

Summer School 2008 – CNS Case 19

### **Case 19) S 12/03: Tissue from a DOG**

Spinal cord: There is a severe meningeal infiltration with macrophages, some epithelioid macrophages, lymphocytes and plasma cells. Within these infiltrates there are numerous round to ovoid structures up to 20 µm in diameter with a translucent thick capsule forming a halo and a thick basophilic partly rough wall (yeast organisms). Within the white matter, there are several foci with central accumulation of similar fungal structures, resulting in a soap bubble-like appearance, and surrounding malacia. In the adjacent neuroparenchyma, there are dilated myelin sheaths and spheroid formation.

### **Morphologic diagnosis:**

Spinal cord: Meningitis, diffuse, and myelitis, multifocal, lympho-histiocytic to plasmacytic, severe with intralésional yeast structures

### **Etiology:**

*Cryptococcus* spp.