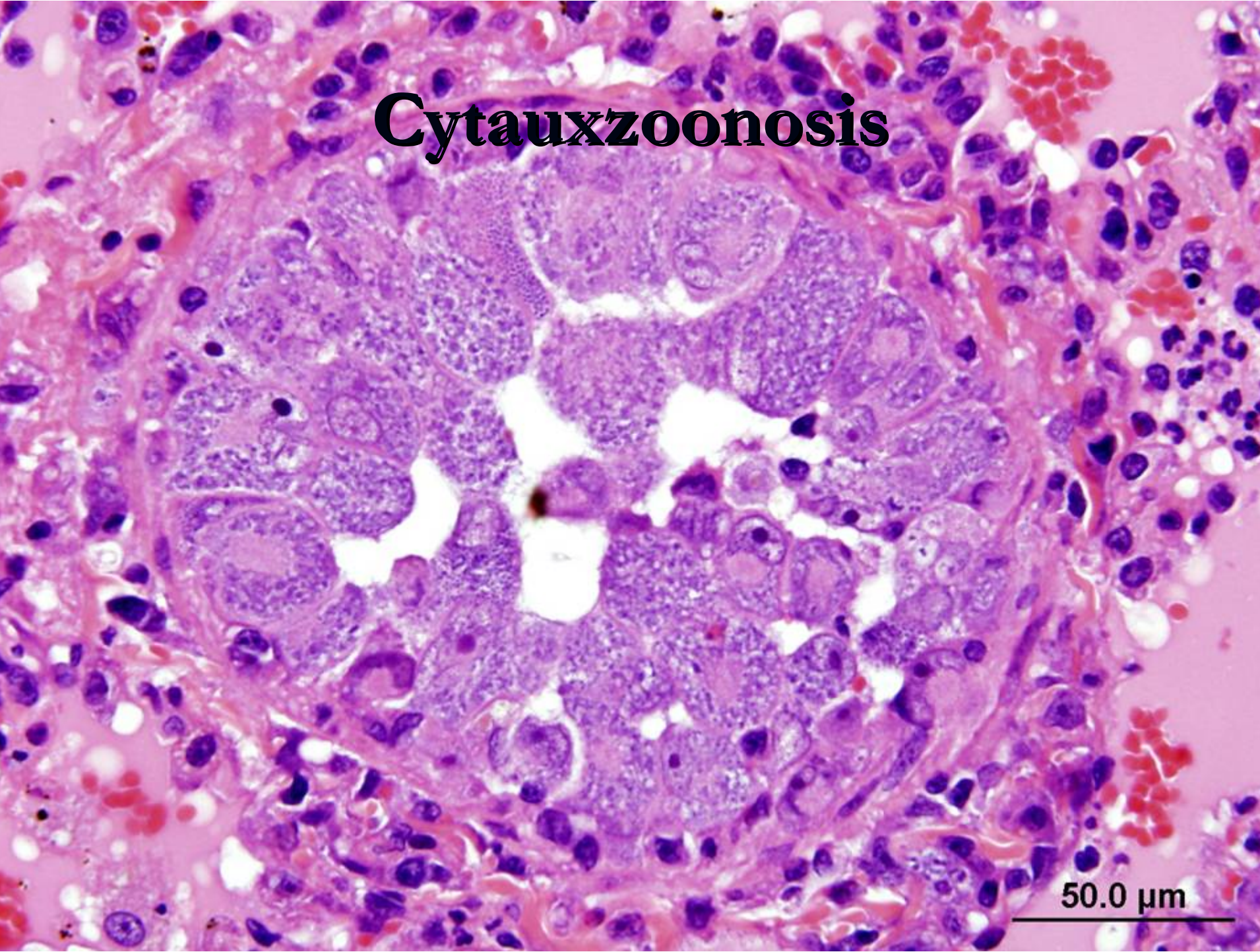


# Cytosarcoma





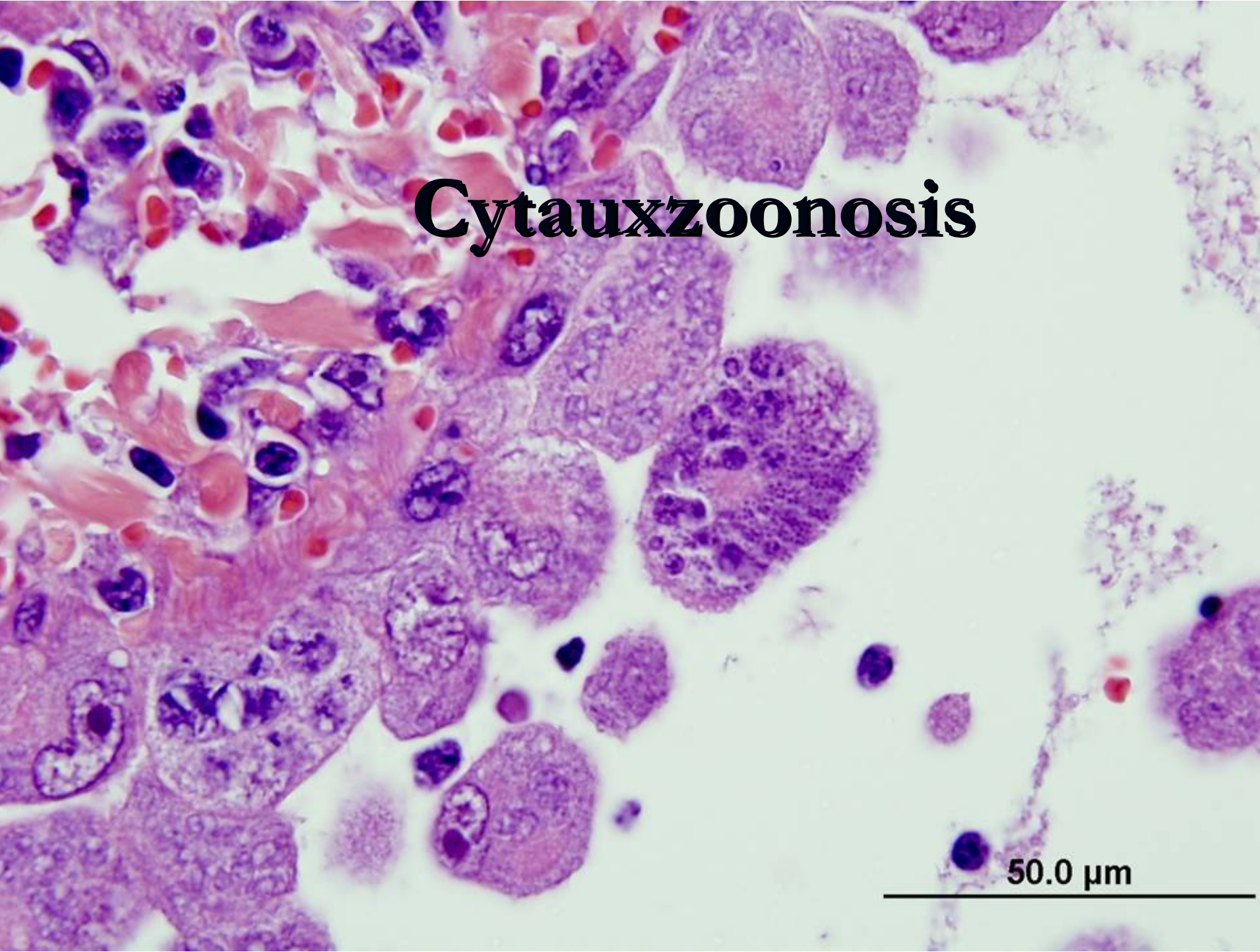
# Cytauxzoonosis



50.0  $\mu\text{m}$



# Cytauxzoonosis



50.0  $\mu\text{m}$

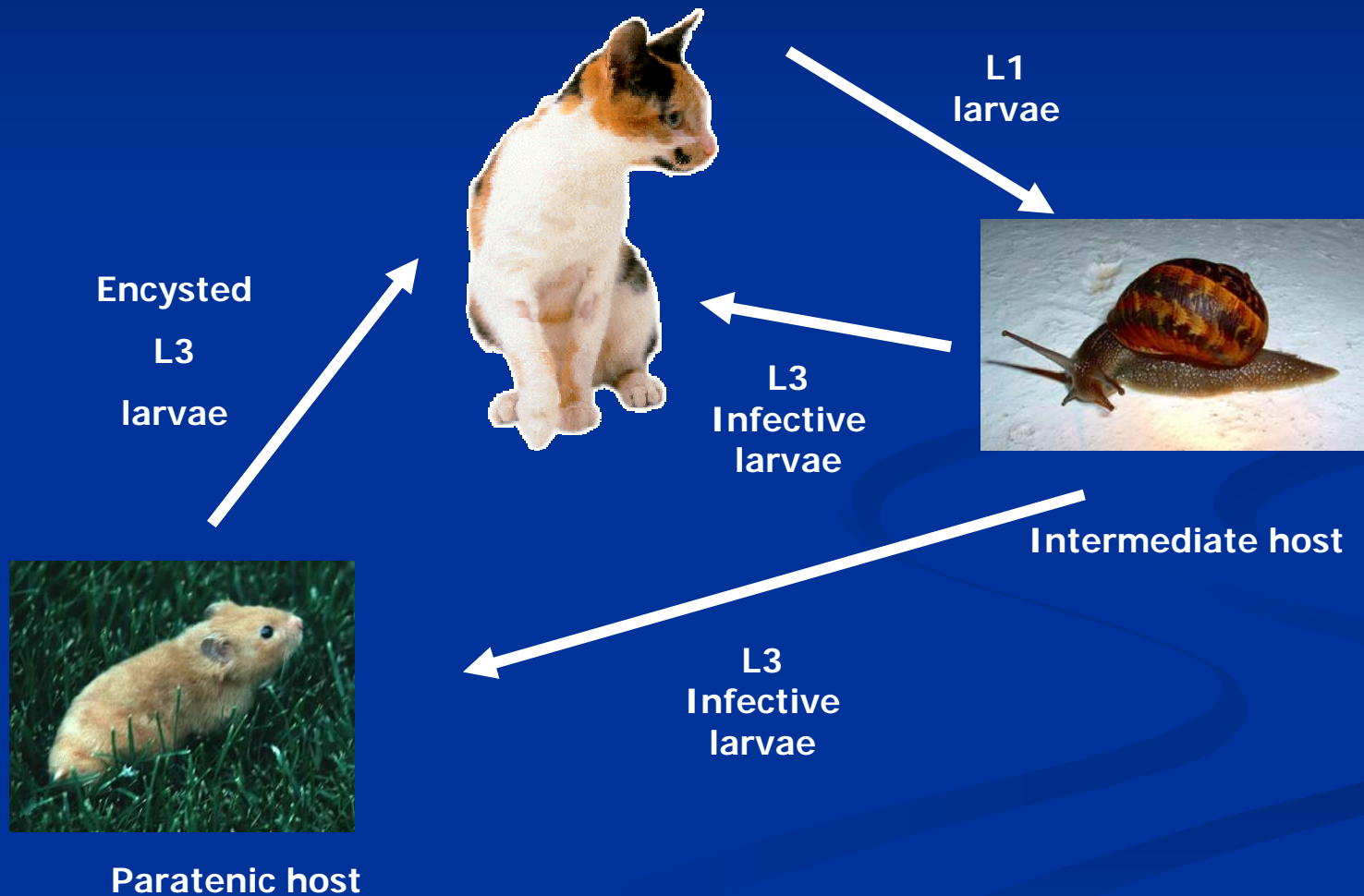
# Other Parasitic Diseases of Dogs and Cats

- *Oslerus (Filaroides) osleri* (dogs)
- Vascular system
  - *Dirofilaria immitis* (mainly dogs),
  - *Angiostrongylus vasorum*
- “Lungworms”
  - *Capillaria aerophila*
  - *Aelurostrongylus abstrusus* (cat only)
  - *Crenosoma vulpis* (foxes, occasionally dogs)
  - *Filaroides hirthi* (dogs)
- Lung fluke
  - *Paragonimus kellicotti*

# *Capillaria aerophila*

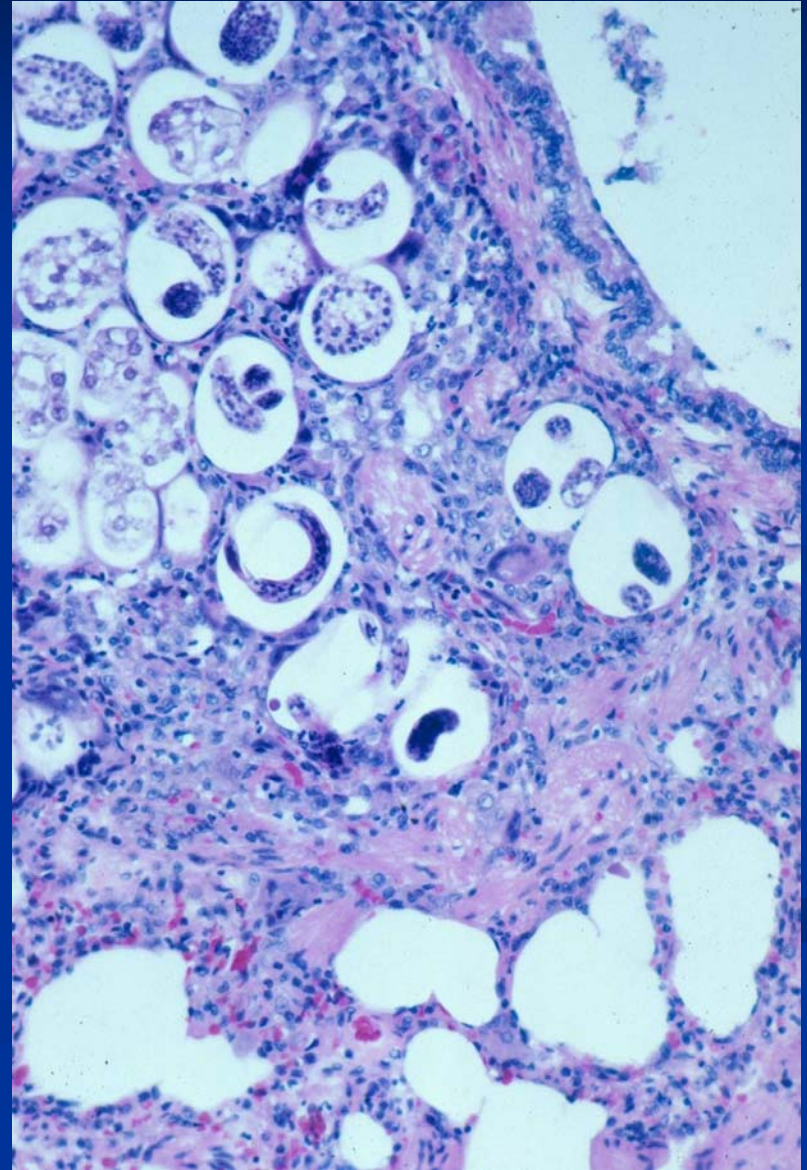
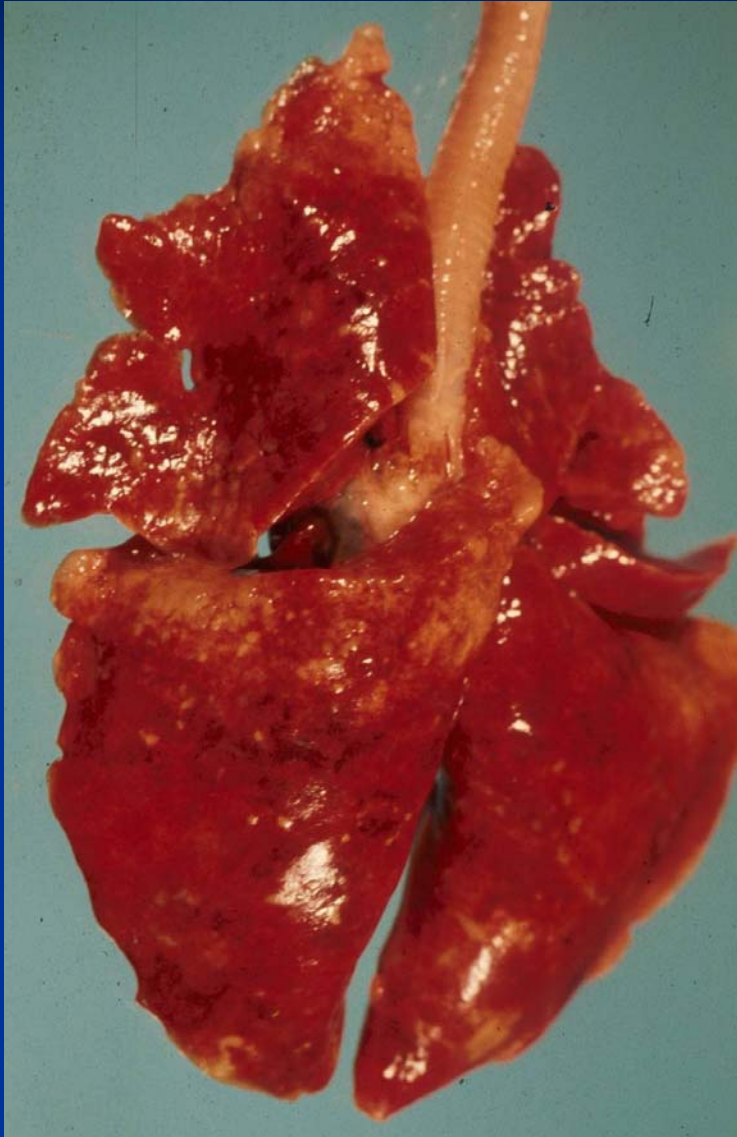
- Live in trachea and bronchi of carnivores
- Occasionally in nose and sinuses
- Coughing may occur

# THE LIFE CYCLE OF *AELUROSTRONGYLUS ABSTRUSUS*





# Aelurostrongylosis



# *Aelurostrongylus abstrusus*

- Pathology
  - Interstitial pneumonia
  - Histiocytes, lymphocytes and plasma cells
  - Aggregates of eosinophils
  - Multinucleated giant cells



# *Oslerus (Filaroides) osleri*

- Dogs and other Canidae
- Worldwide, most common respiratory nematode
- Chronic cough exacerbated by exercise
- Emaciation and death if very severe
- Nodules at tracheobronchial bifurcation
- Mild reaction with live parasite
- Severe granulomatous response to dead parasite

# *Oslerus (Filaroides) osleri*

