



# *Department of Morphology*

*Faculty of Veterinary Medicine  
Ghent University*

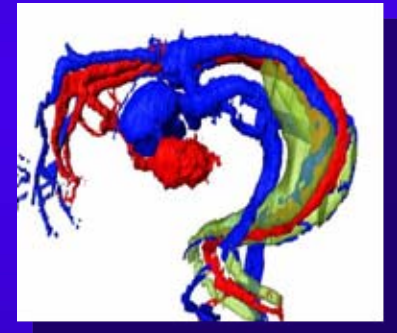
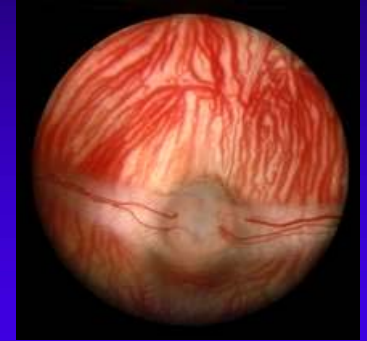
# Department of Morphology

- **Scientific Personnel**

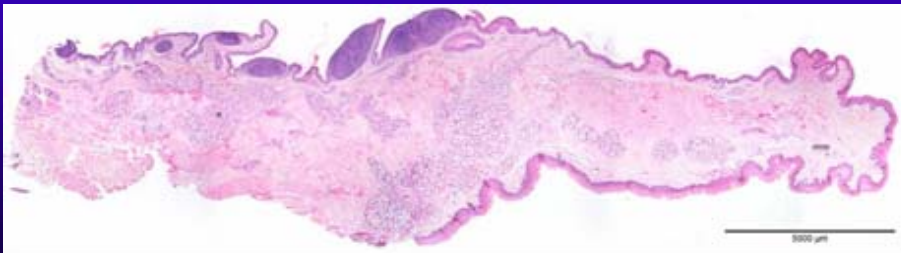
- Prof. dr. Paul Simoens
- Prof. dr. Wim Van den Broeck
- about 10 PhD students and scientific coworkers

- **Activities**

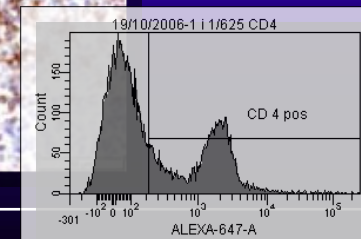
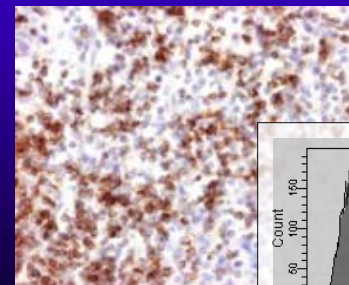
- functional morphology of the vascular system and angiogenesis
- functional morphology of the lymphoid system



*tonsilla veli palatini*

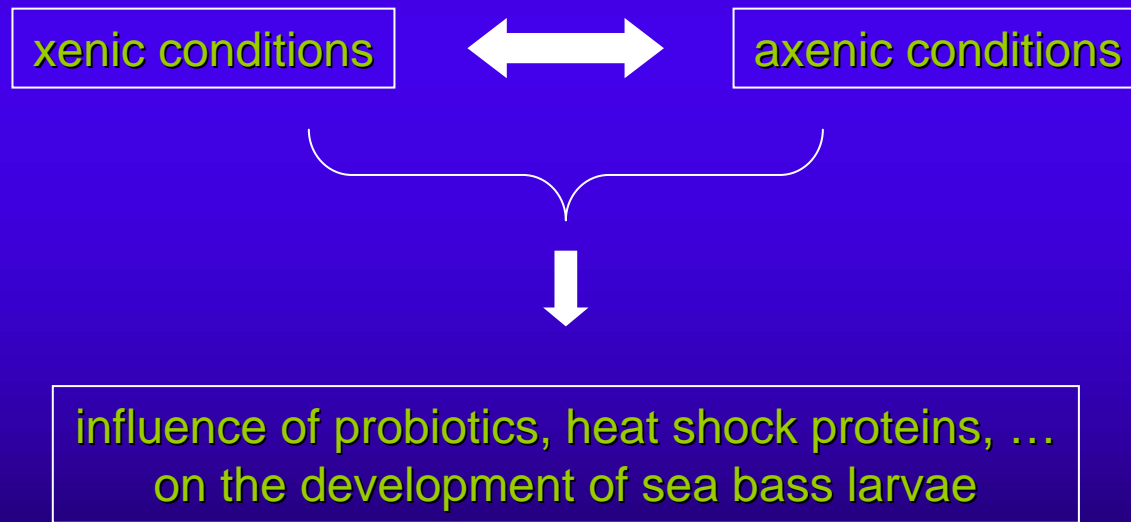


*IHC and FACS of CD4 positive cells*



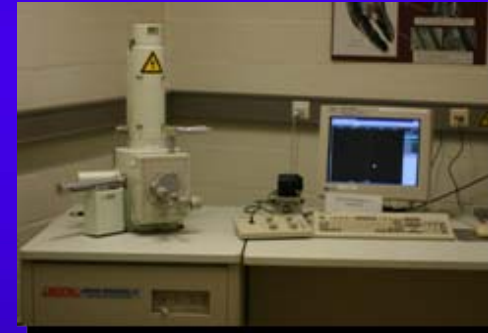
# Partnership with UGent Aquaculture R&D center

- partnership started 1 year ago
- morphological analysis of the development of sea bass (*Dicentrarchus labrax*) larvae



# Partnership with UGent Aquaculture R&D center

- morphological analysis of the development of sea bass larvae
  - stereomicroscopy
  - light microscopy
  - scanning electron microscopy



- 3-D reconstruction and analysis
- stereology

# Partnership with UGent Aquaculture R&D center

- stereomicroscopy & SEM

*axenic DAH1*



*axenic DAH14*



# Partnership with UGent Aquaculture R&D center

- stereomicroscopy & morphometry

*axenic DAH1*



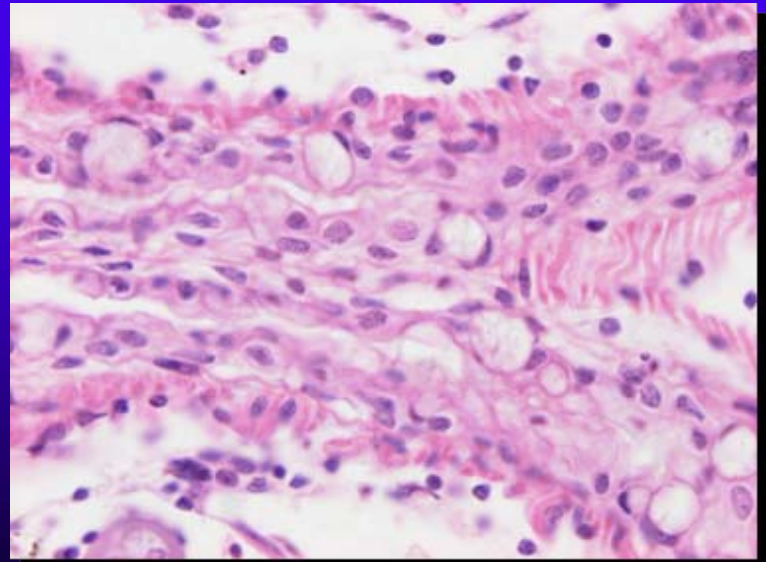
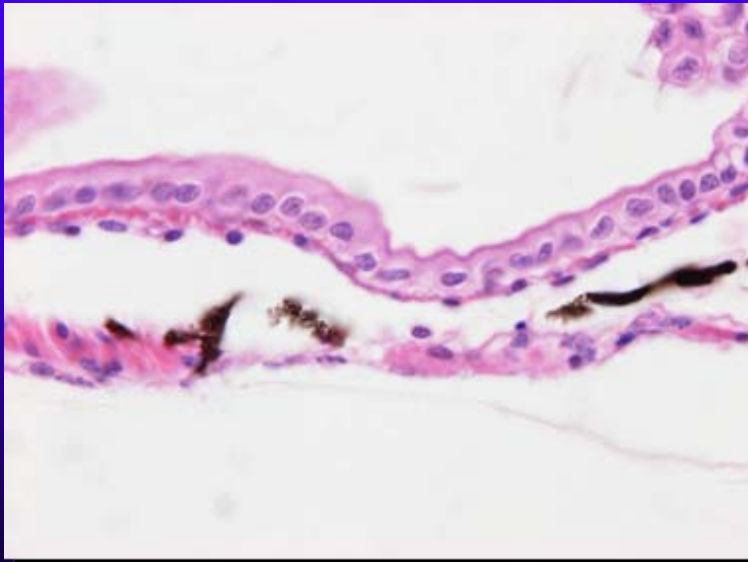
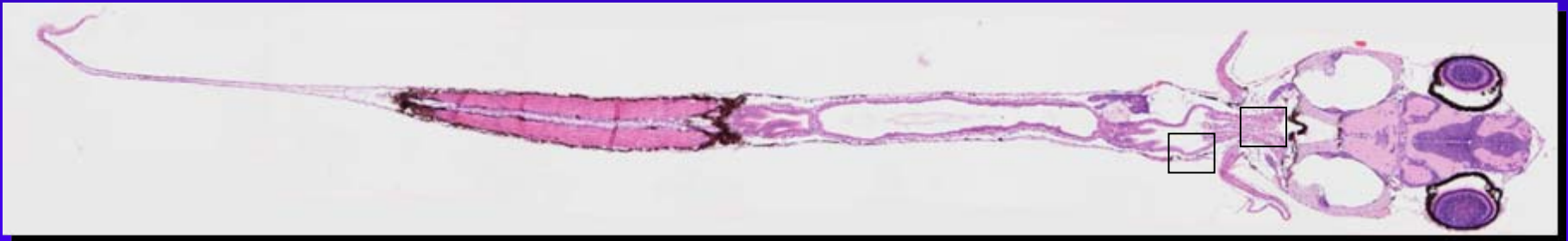
*axenic DAH14*



# Partnership with UGent Aquaculture R&D center

- light microscopy

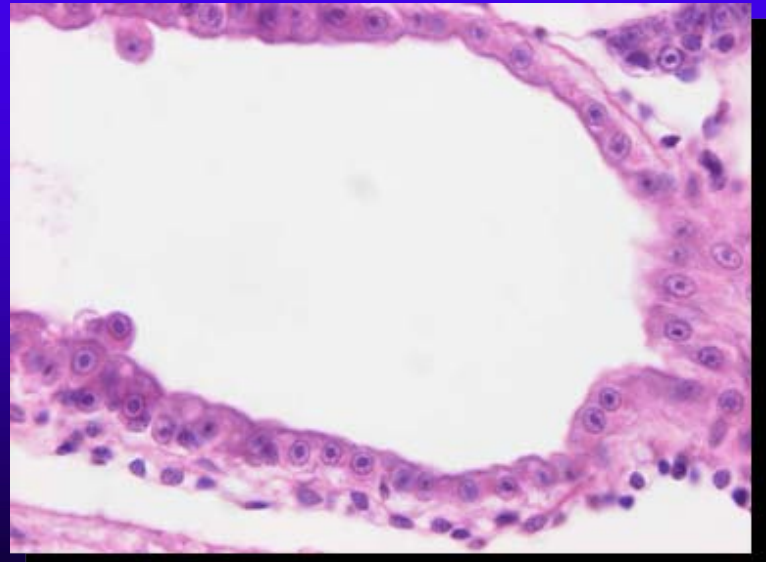
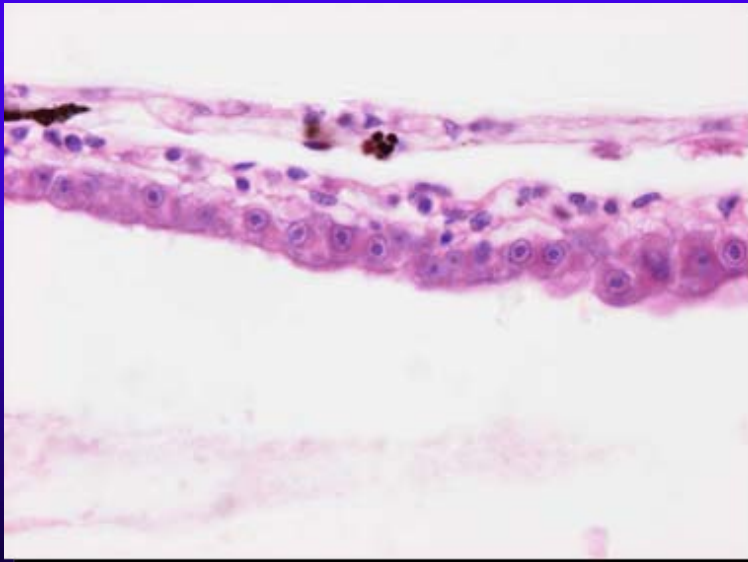
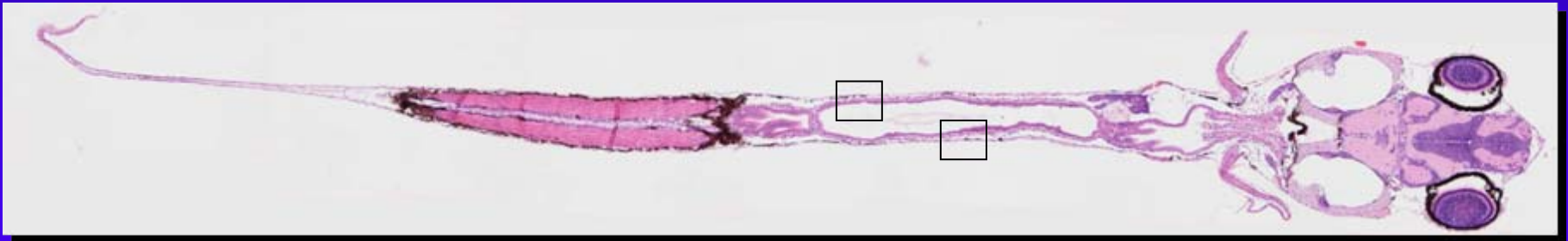
*axenic DAH14*



# Partnership with UGent Aquaculture R&D center

- light microscopy

*axenic DAH14*

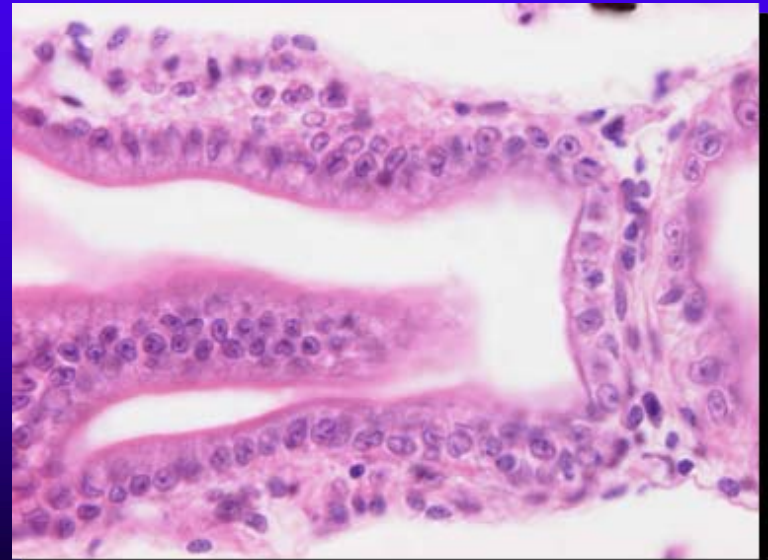
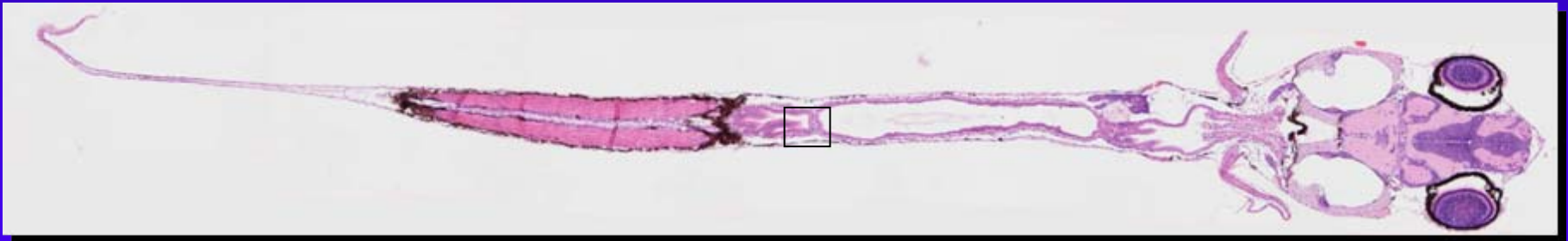




# Partnership with UGent Aquaculture R&D center

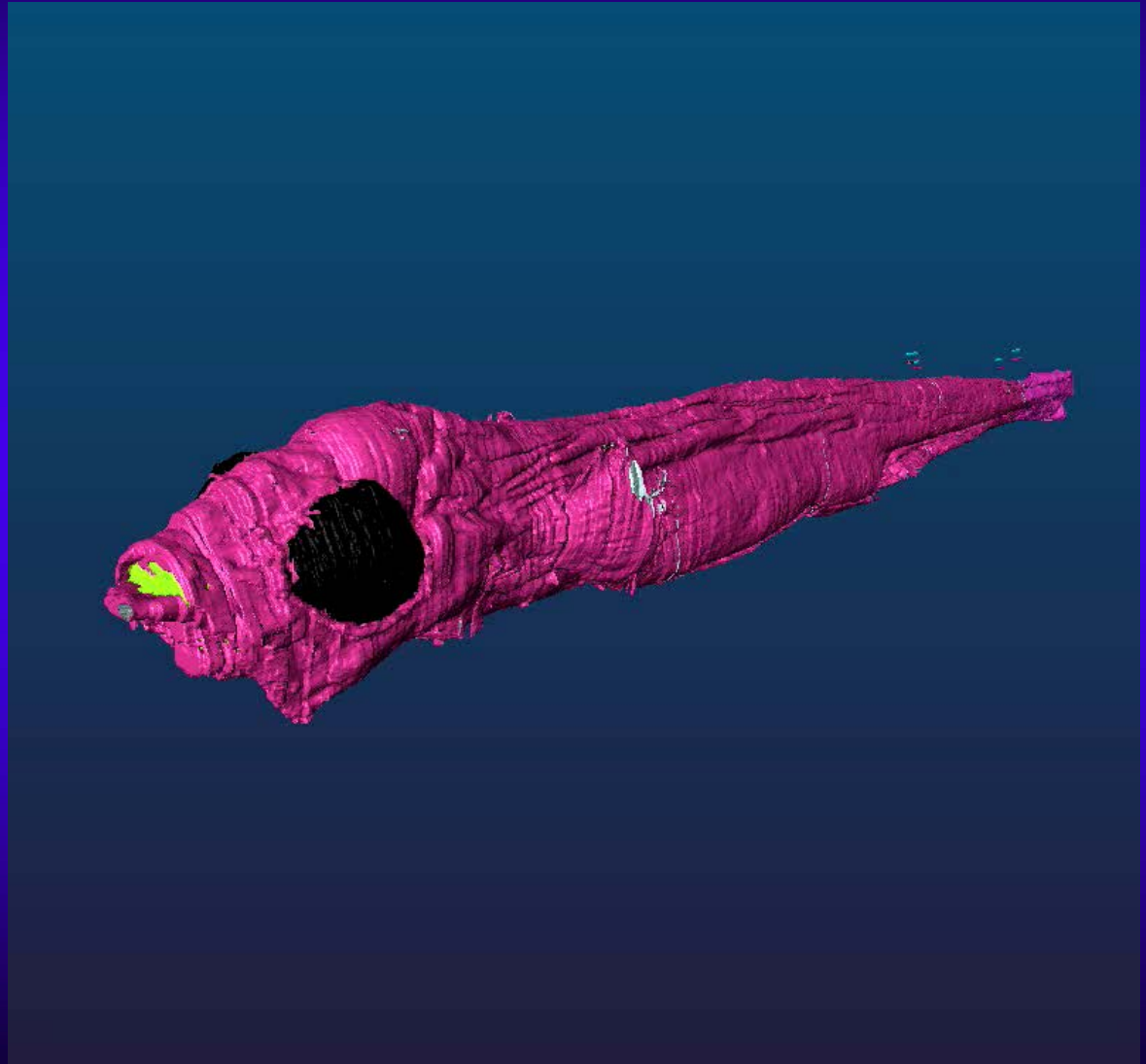
- light microscopy

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# Partnership with UGent Aquaculture R&D center

- light microscopy:



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# *Partnership with UGent Aquaculture R&D center*

- Acknowledgments
  - Anamaria Rekecki
  - Ho Thi Ha
  - Pieter Cornillie
  - Lobke De Bels
  - Liliane Standaert