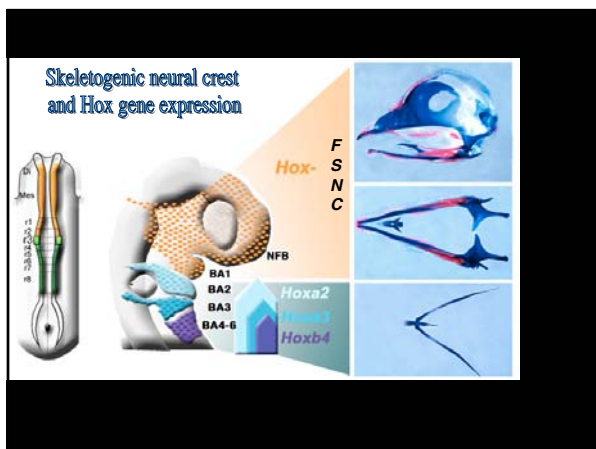
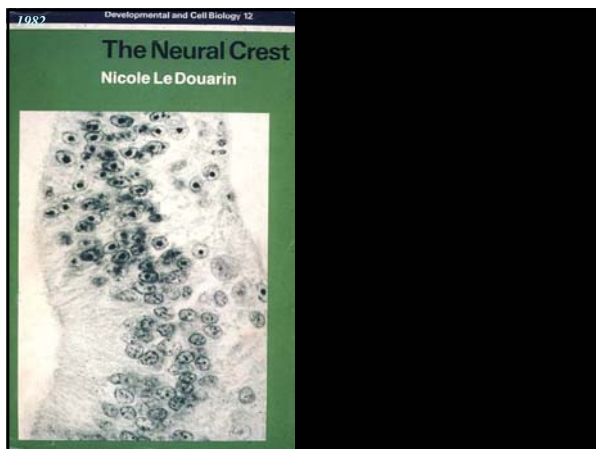
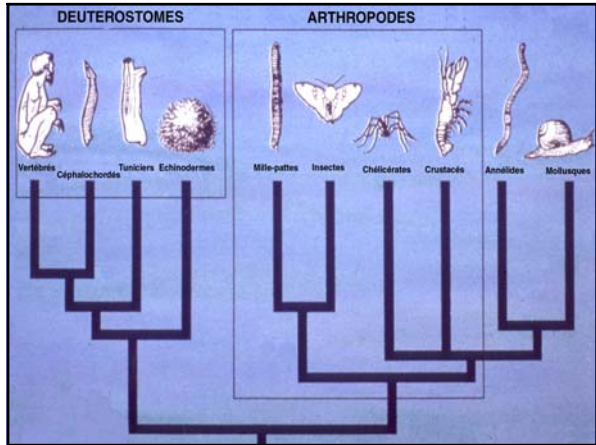


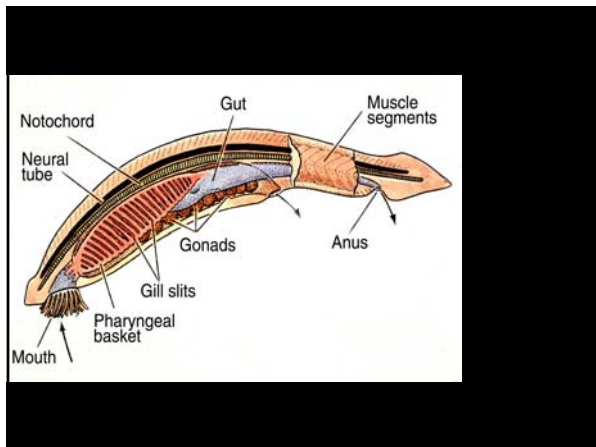
*Hox gene expression
in cephalic Neural Crest Cells*



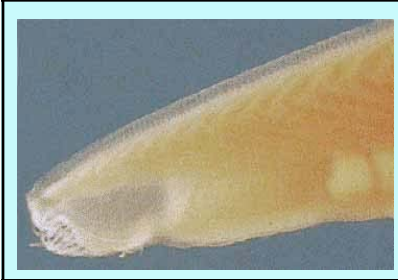


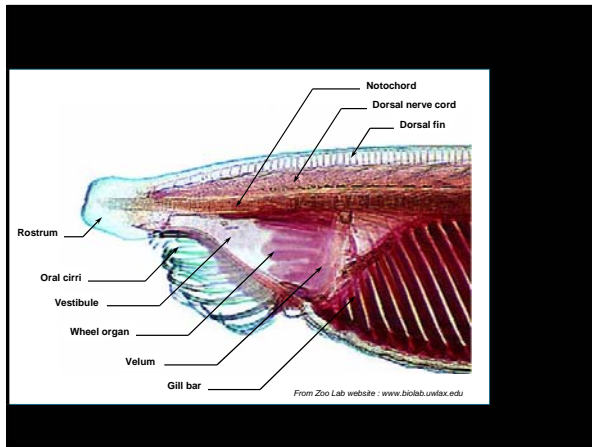
THE NEURAL CREST
in the
EVOLUTION of VERTEBRATES

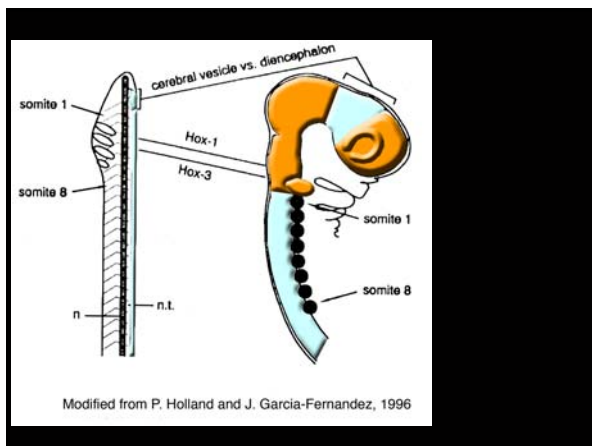




The Amphioxus « head »







Transition between Protocordates and Vertebrates:

- acquisition of SKELETAL tissues
- development of a HEAD and BRAIN
- with SENSE ORGANS and
- a JAW as organ of PREDATION
- apparition of the **NEURAL CREST**
