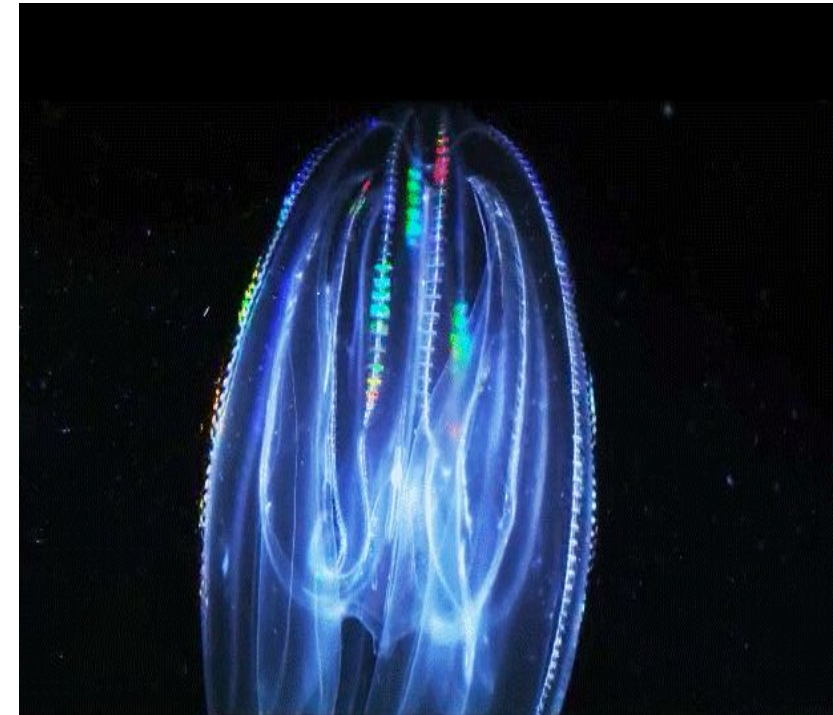
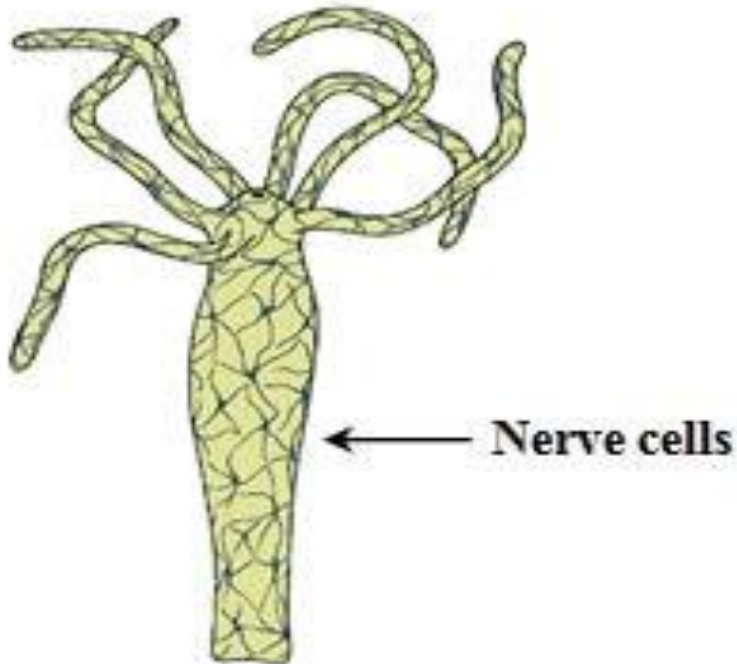


Types of nervous system

- Aim of lesson:
- Compare the types of nervous system of animals

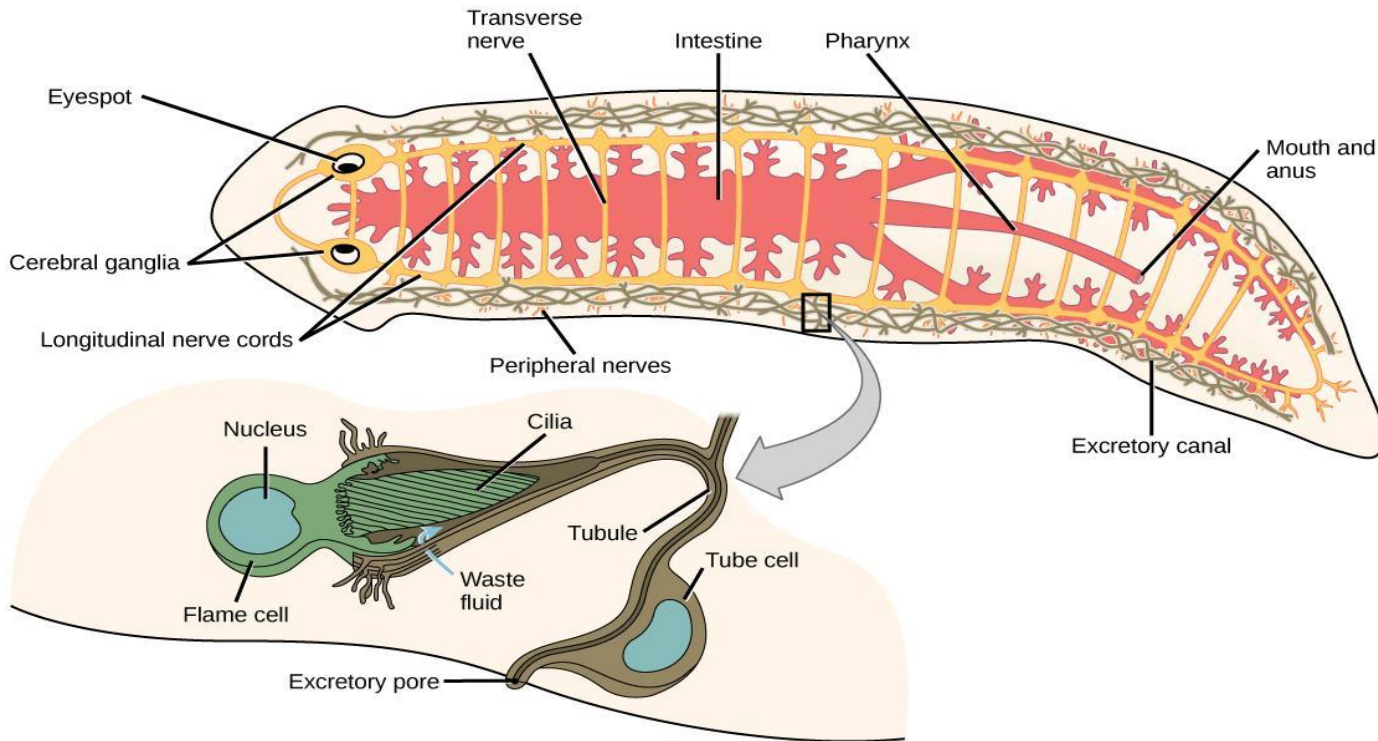
Jellyfish and hydra

- They have very *simple* nervous system. They don't have **brain** or **spinal cord**.

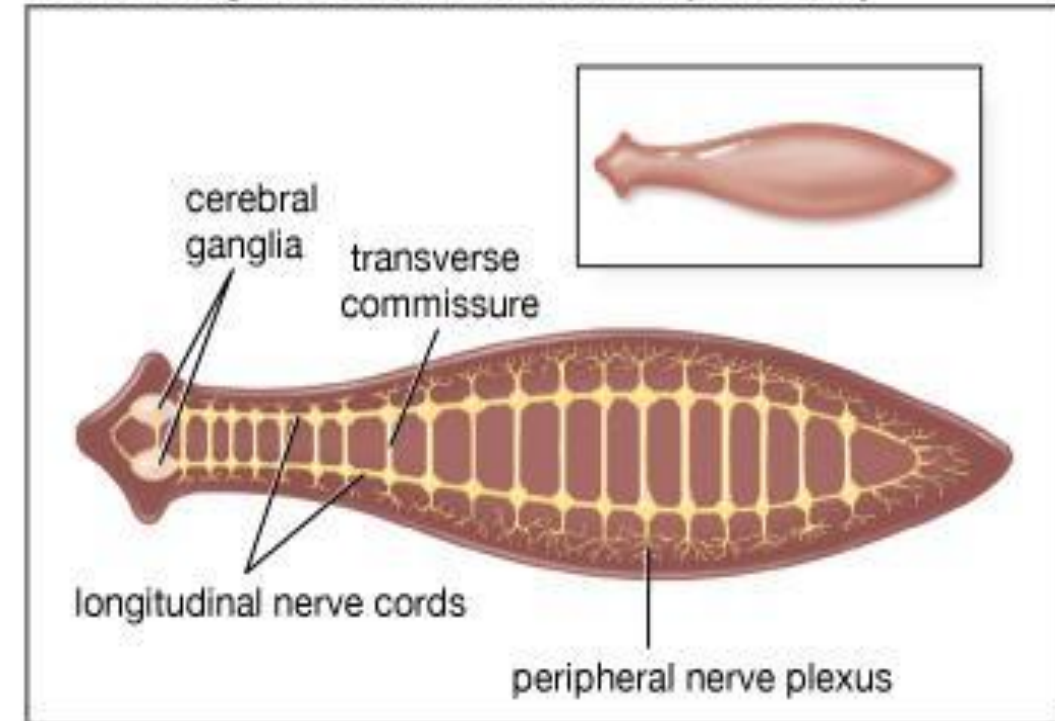


Flatworms

- Their nervous system is ladder like. At the head region, there are two simple brain like structures, which are called ganglia.



Nervous system of the flatworm (*Planaria*)

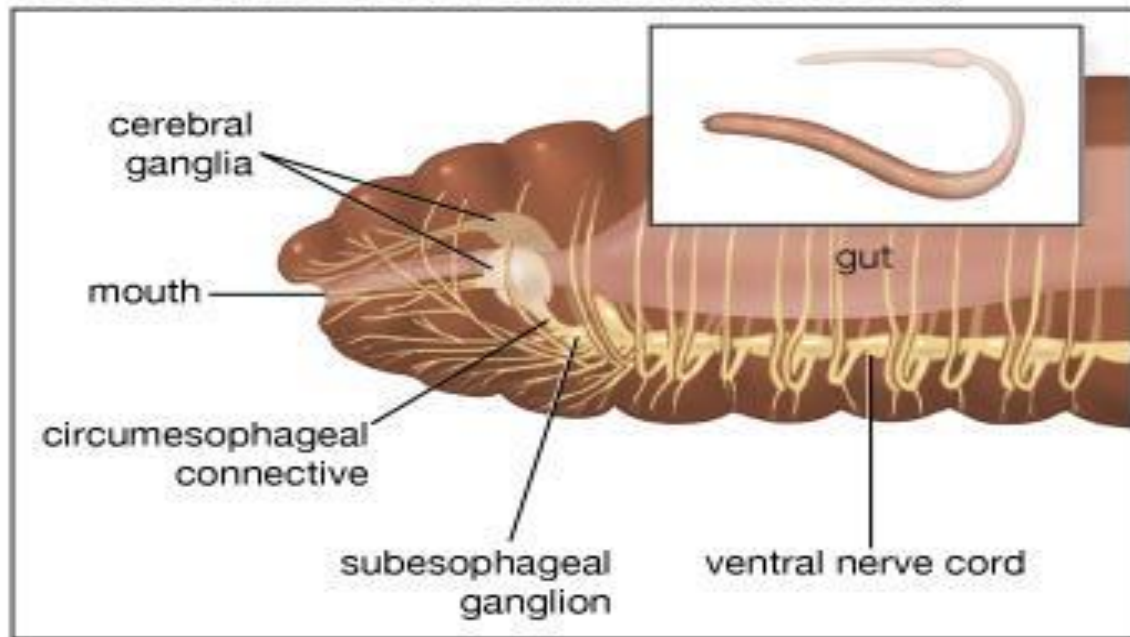


Annelids(earthworm) and

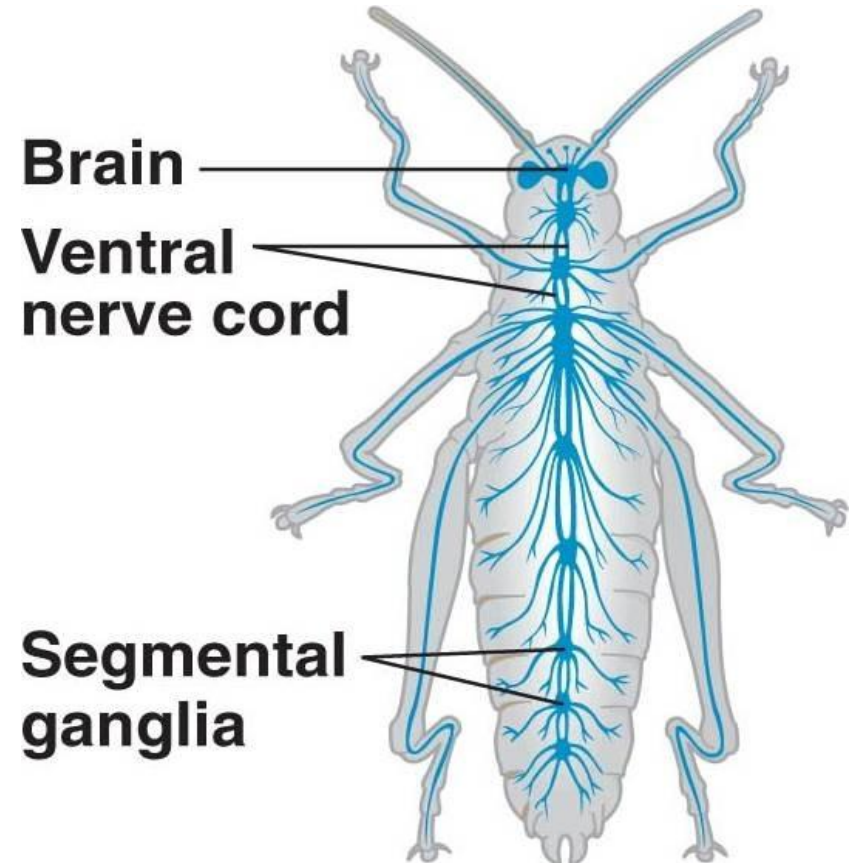
Arthropods

- They have segmented bodies, each segment has **ganglion**. Every ganglion controls own segment. *Ventral (lower)* nerve cord **connects** all of ganglia to each other. A **simple brain** connects sensory organs of head.

Nervous system of the annelid (earthworm)



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Vertebrates

- All vertebrates have a **central nervous** system made of **brain** and **spinal cord**, and **peripheral nervous** system made of **ganglia** and **nerves**.

