

The nervous system

- The **central nervous system (CNS)** – made up of the brain and spinal cord.
- The **peripheral nervous system (PNS)** – made up of pairs of nerves that originate from the brain or spinal cord; the PNS is divided into:
 - **Sensory neurons** conduct nerve impulses from receptors to the CNS.
 - **Motor neurons** conduct nerve impulses from the CNS to effectors (muscles or glands).
- A nerve impulse is an electrical impulse moved along a neuron by local **depolarizations** of the neuron cell membrane.

