

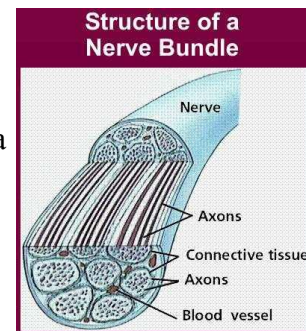
# Nervous System I

Introduction: The nervous system is the body system which receives and relays information about activities within the body and monitors and responds to internal and external changes. It tells us we exist and allows us to respond quickly to environmental stimuli. The nervous system is made of nerve cells called NEURONS. It has two main divisions:

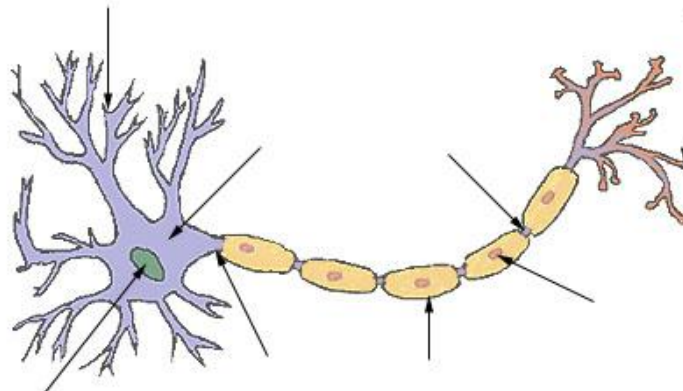
1. The central nervous system (CNS):
2. The peripheral nervous system (PNS):

## NEURONS

Nerve cells are called neurons. These specialized cells carry nerve impulses through the body. A group of neurons joined in a bundle is called a NERVE. They have many shapes and sizes, but share the same general features.



## Structure of a Typical Neuron



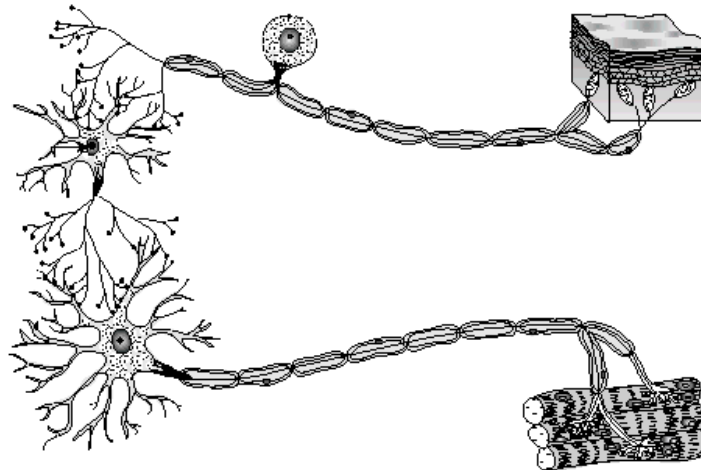
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**Cell Body:**

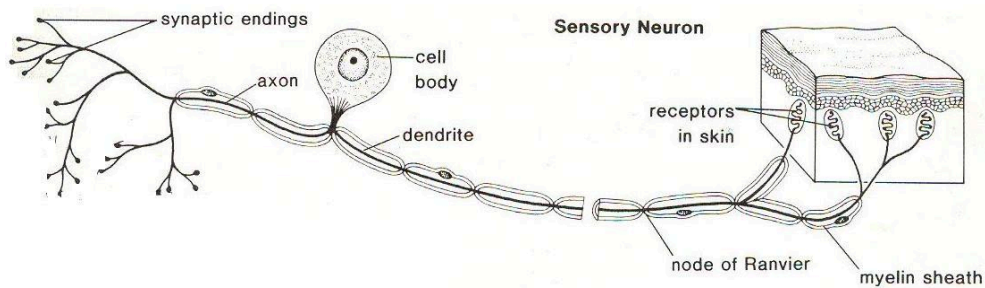
**Dendrites:**

**Axon:**

There are three types of neurons. These are categorized according to their structure and function.

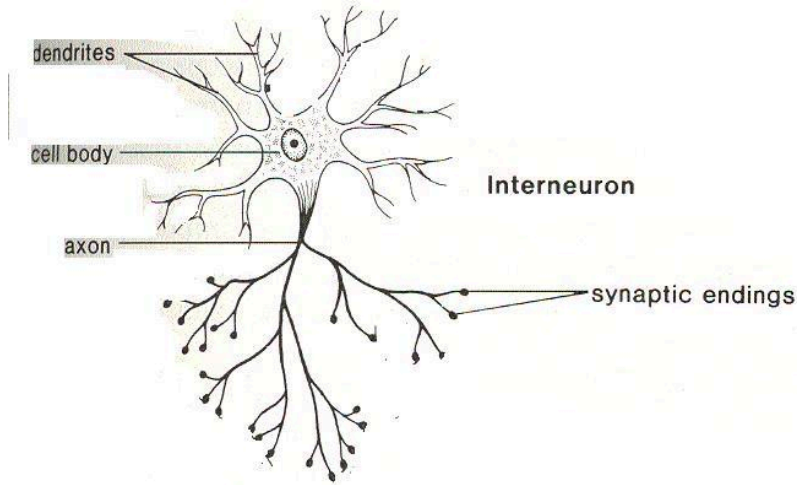


## 1. Sensory Neuron:

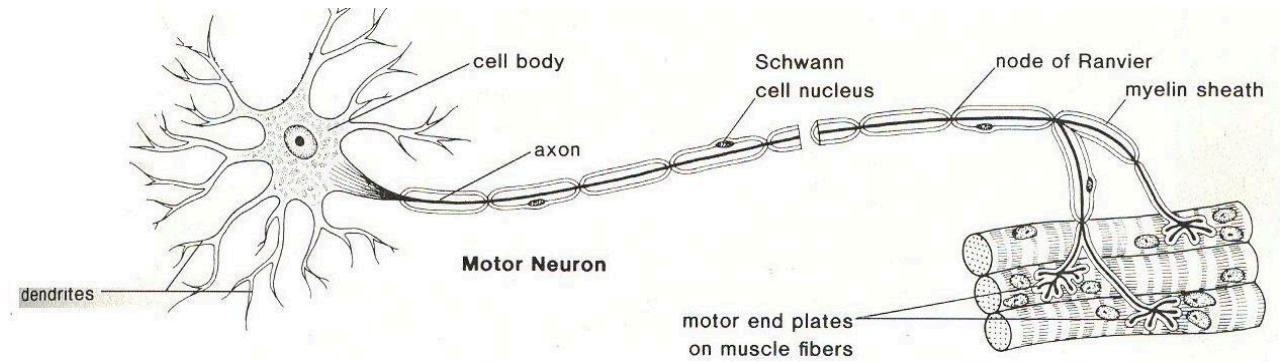


# Nervous System I

## 2. Interneuron:



## 3. Motor Neuron:



Summarize the three types of neurons' structures, locations and functions in the following table:

Neuron	Structure/Location	Function
Sensory Neuron		
Interneuron		
Motor Neuron		