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List of basis of classification of neuron

- Structure
- Function

List of classification of neuron on the basis of structure

- Unipolar
- Bipolar
- Multipolar

Magnitude of number of cytoplasmic processes present in neuron

1

Location of unipolar neurons in the human body

- Dorsal root ganglia of spinal nerve

Number of cytoplasmic processes in bipolar neuron

List of structures present at bipolar neuron

- Axon on one end
- Dendrite on another end

Location of bipolar neurons in human body

- Retina of eyes
- Olfactory epithelium

Approximation of number of cytoplasmic processes in multipolar neuron

- Numerous

Location of multipolar neuron in human body

- Autonomic ganglia
- Central nervous system

List of types of nerves on the basis of functions

- Afferent nerves
- Efferent nerves
- Mixed nerves

Term for afferent nerves

Sensory

Term for efferent nerves

Motor

Source of impulse in afferent nerves

Body organs

Destination of impulse in sensory nerves

CNS

Source of impulse in motor nerves

CNS

Destination of impulse in efferent nerves

Body organs

Examples of sensory nerves in human body

- Optic nerve
- Olfactory nerve
- Auditory nerve

Examples of motor nerves in human body

- Spinal nerve
- Occulomotor nerve

Examples of mixed nerve in human body

- Facial nerve
- Vagus nerve

Location of neuroglia in nervous system

Among the neurons

Magnitude of number of times neuroglia is present compared to neurons

10

Function of neuroglia in nervous system

- Nourish
- Memory process
- Insulation
- Phagocytosis

List of classification of neuroglia in nervous system

- Macroglia
- Microglia

List of classification of macroglia in nervous system

- Astrocytes
- Oligodendrites
- Schwann cells

Shape of astrocytes in nervous system

Star

Approximation of number of cytoplasmic processes in oligodendrites

Few

Approximation of size of microglia in nervous system

Small

Shape of microglia in nervous system

Spindle

Location of ependymal cell in nervous system

- Lining of ventricles of brain and spinal cord

Source of ependymal cells

- Epithelial cells

Structure of epithelial cells absent in ependymal cell

Basement membrane

Function of ependymal cells

- Form cerebrospinal fluid

Approximation of thickness of ependymal cells

Extremely thin

Location of neurosecretory cells in nervous system

Hypothalamus

Function of neurosecretory cells in nervous system

- Secrete neurohormones

Neurohormones in nervous system

- Hormones secreted by neurosecretory cells