

Parts of a Neuron

Instructions:

Join with a line the parts of the Neuron with their function.

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| 1) Dendrites | a) Just like a normal cell...contains organelles and a nucleus. It is also called Soma. |
| 2) Cell body | b) Branches off the cell body that receive impulses from other neurons |
| 3) Nucleus | c) are known for their roles in supporting nerve regeneration. |
| 4) Axon | d) periodic gap in the insulating sheath (myelin) on the axon of certain neurons that serves to facilitate the rapid conduction of nerve impulses |
| 5) Myelin Sheath | |
| 6) Nodes of Ranvier | e) The transmitting part of the neuron. |
| 7) Axon terminals | f) It contains the nucleolus and chromosomes, necessary for the coded production of proteins within the cell. |
| 8) Schwann cells | g) Is an insulating layer, that forms around nerves. |
| | h) They release transmitter substances into a gap called the synaptic cleft between the terminals and the dendrites of the next neuron. |