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Nervous System

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| **Across****3.** Help form the myelin sheath of a neuron located in the PNS**5.** Involuntary Nervous System**8.** most abundant, 1 axon, several dendrites**12.** Carry impulses from CNS to effectors**13.** protects and insulates fibers, increases transmission speed of nerve impulses**19.** Receive and integrate information and decide on a response, enable communication**20.** Joins the cell body to a specialized junction**21.** Short branched projections that transmit electrical signals to cell bodies**22.** Consists of nerves extending from brain and spinal cord and ganglia**23.** Group of cell bodies in PNS**24.** line the ventricles of the brain and serve as a barrier between CSF fluid and nervous tissue**25.** Bundles of Axon**26.** Transmit impulses from sensory receptors towards the CNS**27.** Rare, 1 axon, 1 dendrite, retinal neurons | **Down****1.** Star shaped, variety of tasks, controls blood brain barrier located in CNS**2.** Single axon, sensory neurons**4.** Groups of cell bodies on CNS**6.** Produce the myelin sheath insulating neuronal Axons **7.** Voluntary nervous system**9.** Do not divide with few exceptions**10.** Oval cells thorny processes "Health Watchers" in CNS remove damaged neurons**11.** Master controlling and communicating system of the body**14.** Consists of brain and spinal cord**15.** They transmit signals**16.** Provide structural and functional support fir neurons**17.** Gap in the myelin, Allow the rapid conduction of nerve impulses**18.** Surround neuron cell bodies located in the PNS |