

*Central Nervous System*

*Peripheral Nervous System*

*Sensory (afferent)*

*Motor (efferent)*

*Sense Organs*

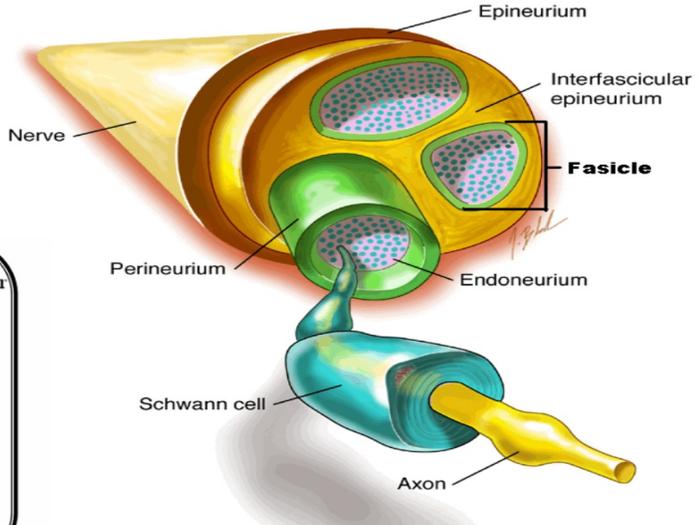
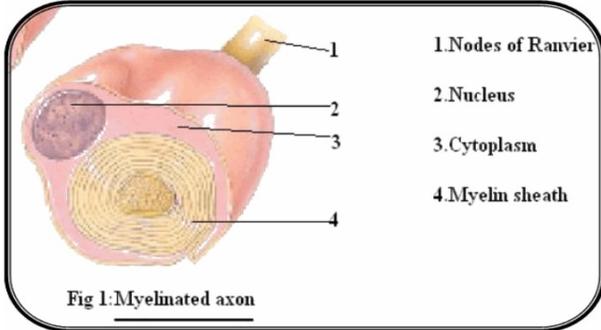
*Somatic (voluntary)*

*Autonomic (involuntary)*

*Sympathetic*

*Parasympathetic*

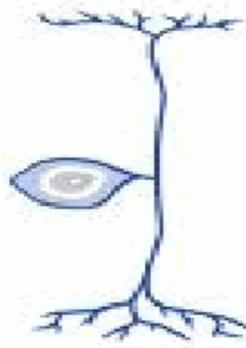
*Enteric*



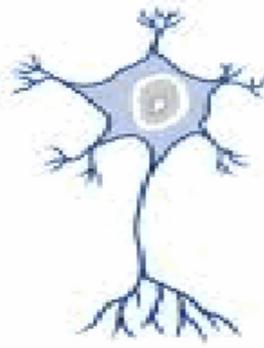
### Basic Neuron Types



Bipolar  
(Interneuron)



Unipolar  
(Sensory Neuron)



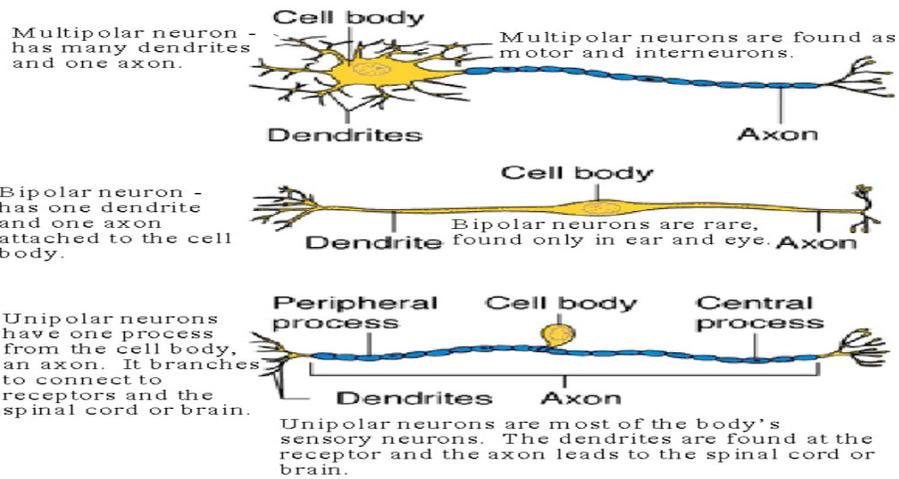
Multipolar  
(Motoneuron)

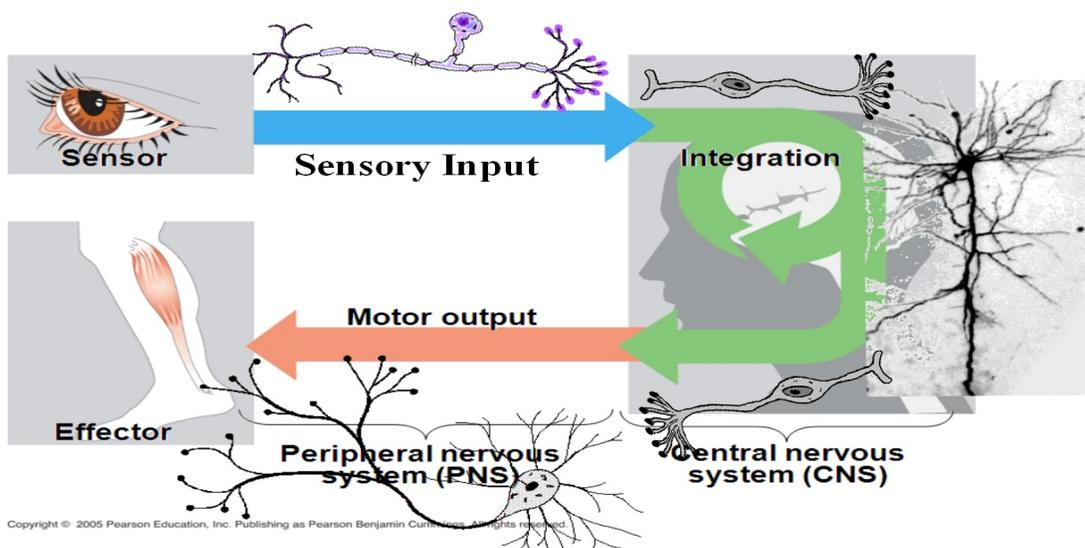


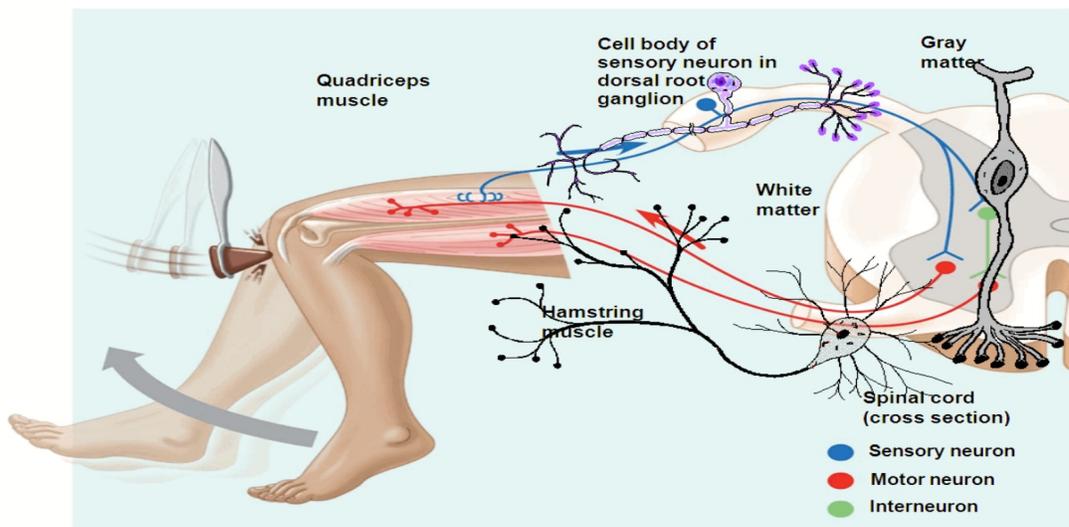
Pyramidal  
Cell

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## Structural Classes of Neurons

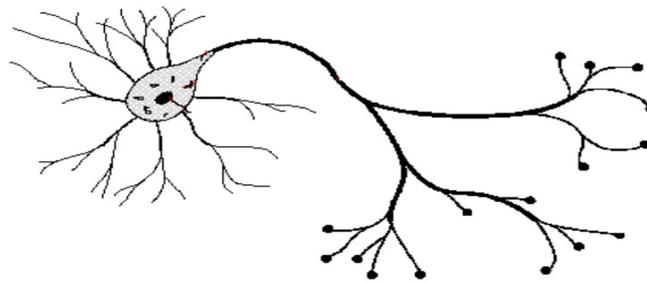






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**Axon Hillock**  
**Cell Body**  
**Dendrite**  
**Nissl body**  
**Schwann cell**  
**Myelin**  
**Neuroplasm**  
**Nucleus**  
**Synaptic End Bulb**  
**Node of Ranvier**  
**Collateral Branch**  
**Direction of Flow**



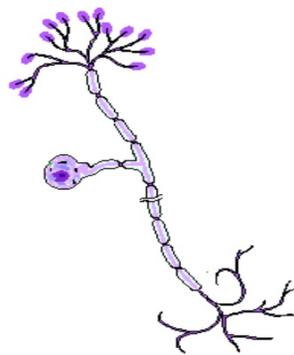
**Note: Must draw Schwann cells!**

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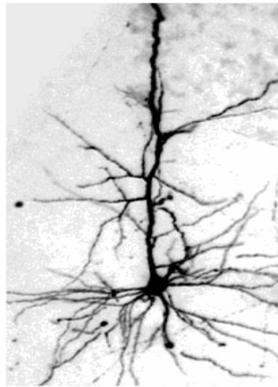


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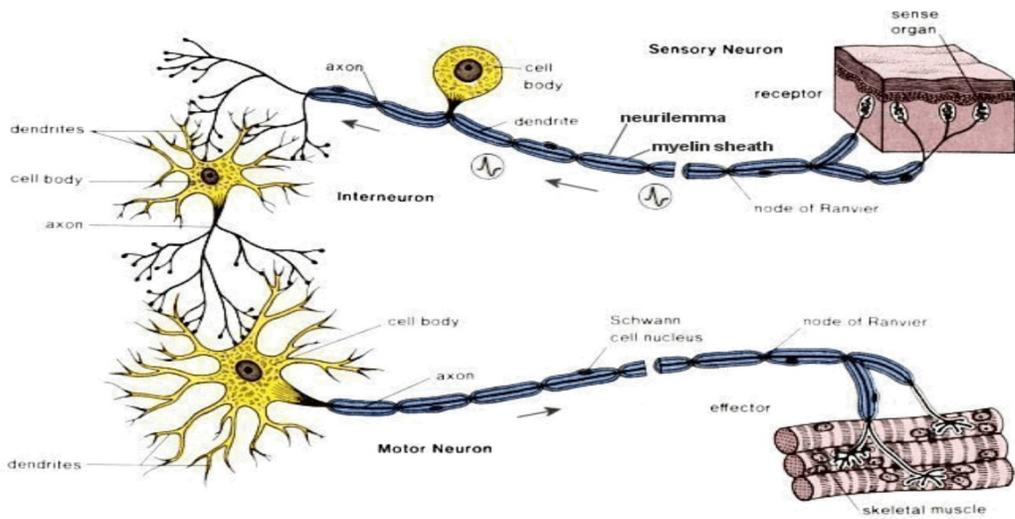
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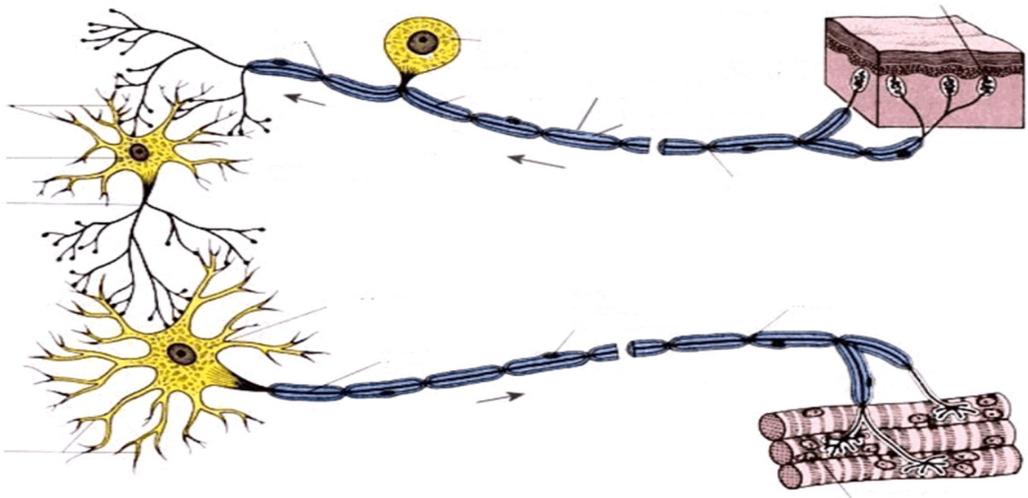
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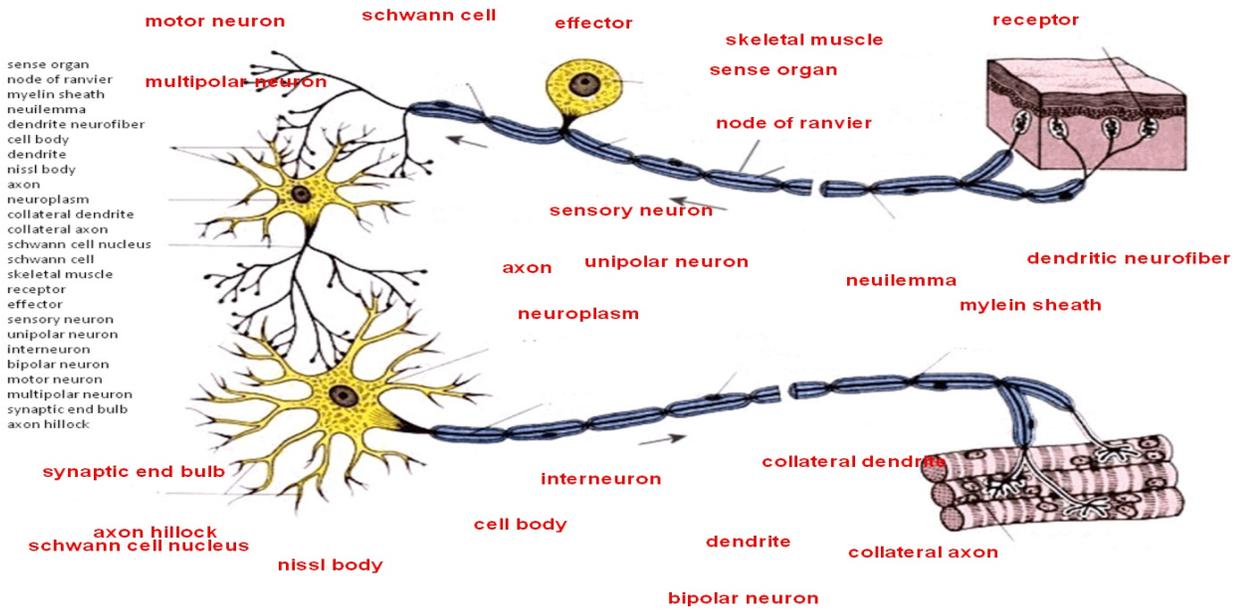


**Schwann cells? Myelin?**



sense organ  
 node of ranvier  
 myelin sheath  
 neurilemma  
 dendrite neurofiber  
 cell body  
 dendrite  
 nissl body  
 axon  
 neuroplasm  
 collateral dendrite  
 collateral axon  
 schwann cell nucleus  
 schwann cell  
 skeletal muscle  
 receptor  
 effector  
 sensory neuron  
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