

SKETCH 1

**Using the images given in this lab and your text, sketch a portion of a myelinated nerve fiber, illustrating two or three nodes of Ranvier. Label the following:

Axon, Myelin sheath, Nodes of Ranvier, Neurilemma



SKETCH 2

Using the images given in this lab and your text, sketch the neuron cell and label the following: *Cell Body, Nucleus, Nissl Bodies, Dendrites, Axon***



SKETCH 3

**Sketch the following neuroglia types and indicate their functions within the CNS:
Ependymal Cells, Oligodendrocytes, Astrocytes, Microglia

Ependymal Cell

Function: _____

Oligodendrocyte

Function: _____

Astrocyte

Function: _____

Microglia

Function: _____

SKETCH 4

**Make a sketch of the three types of Neurons depicted in images given in this lab and your text book and label the following: *Multipolar, Bipolar, Unipolar*

Multipolar



Bipolar



Unipolar



SKETCH 5

****Using your text and this lab, sketch and identify the following nerve structures:
*nerve fibers, myelin sheaths, fascicles, endoneurium, perineurium, epineurium***

