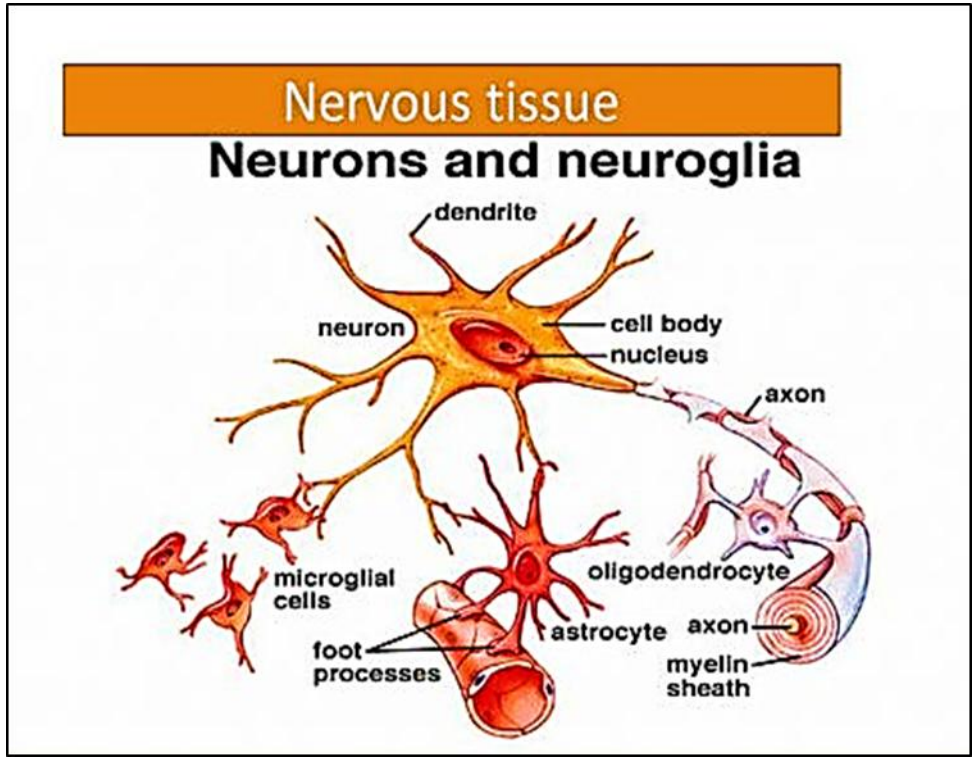
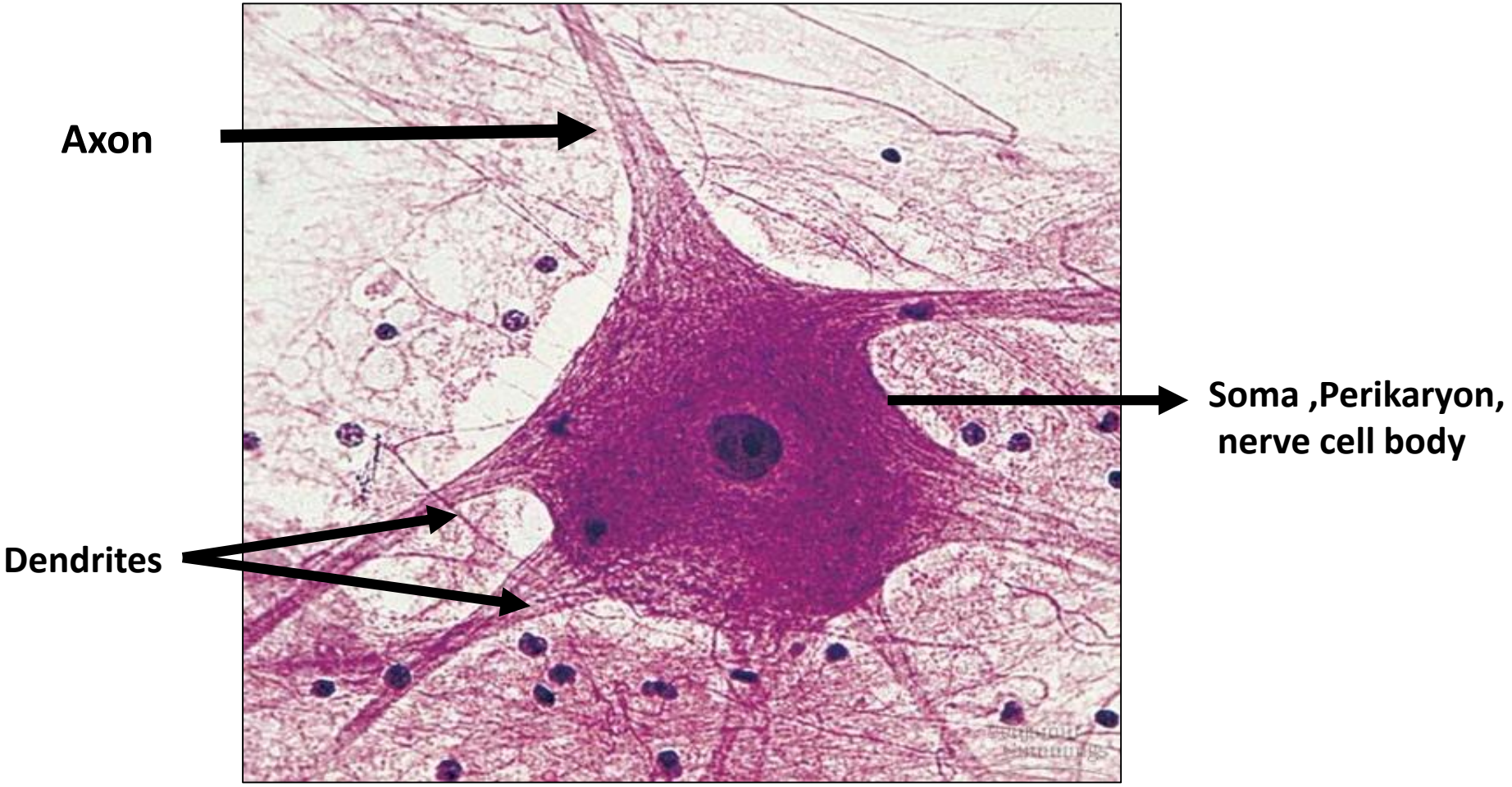
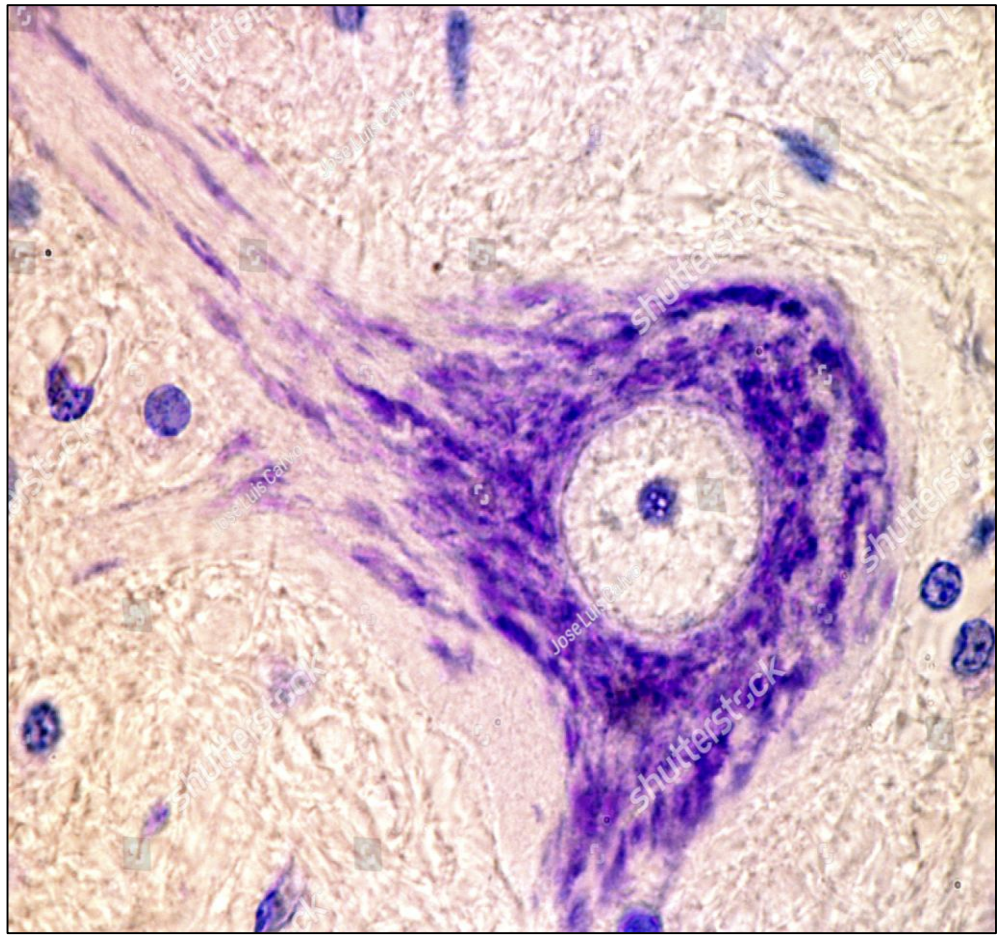
# Nervous Tissue
# Practical Lab 1st Year

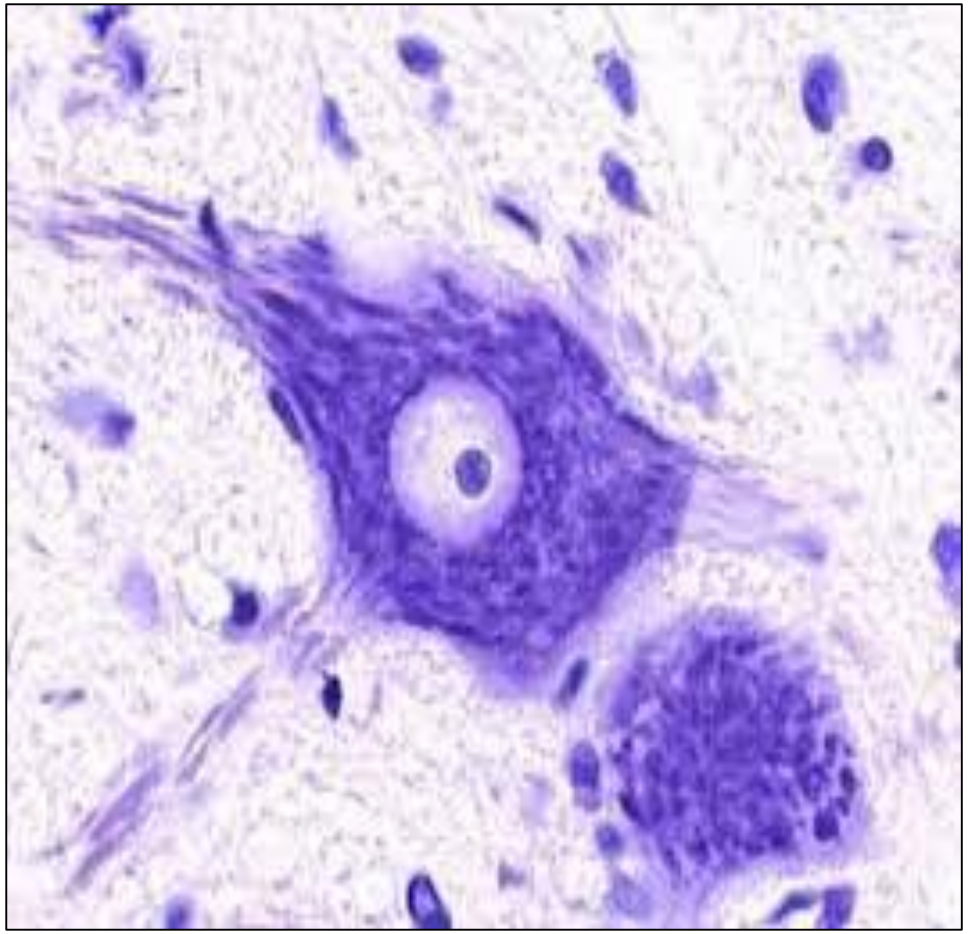


# Parts of the neuron

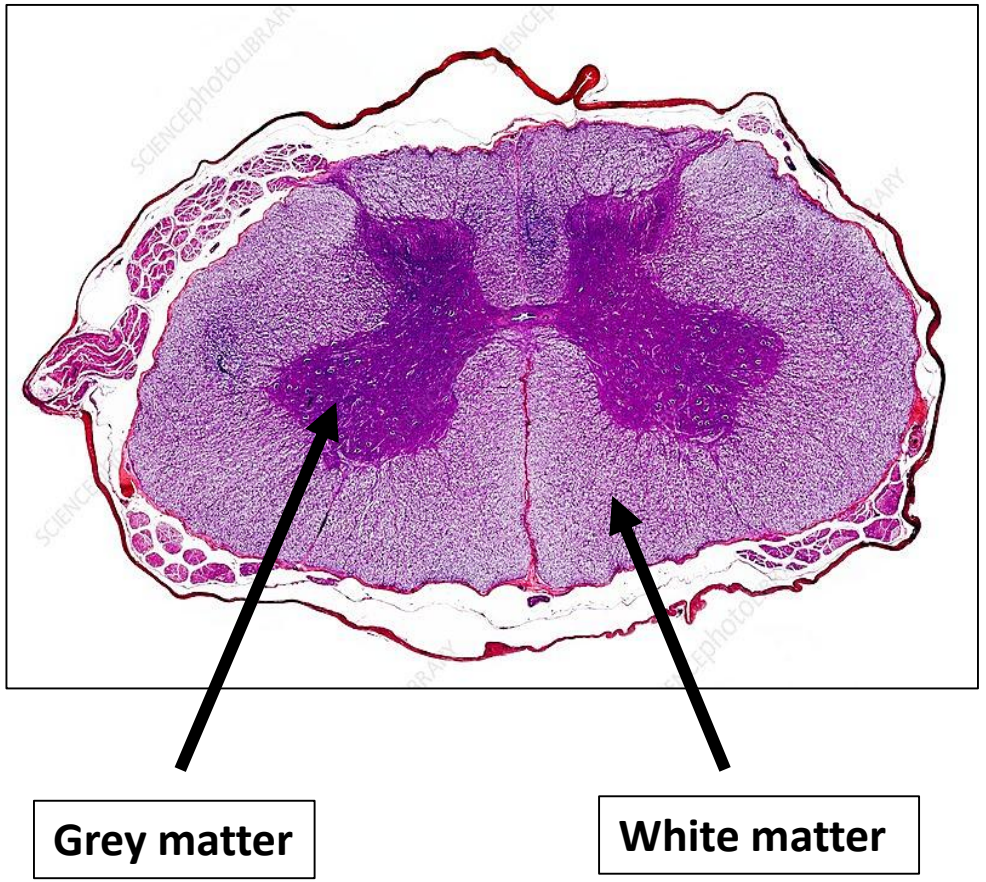


# Nissl’s bodies ( granules) stained with Cresyl violet

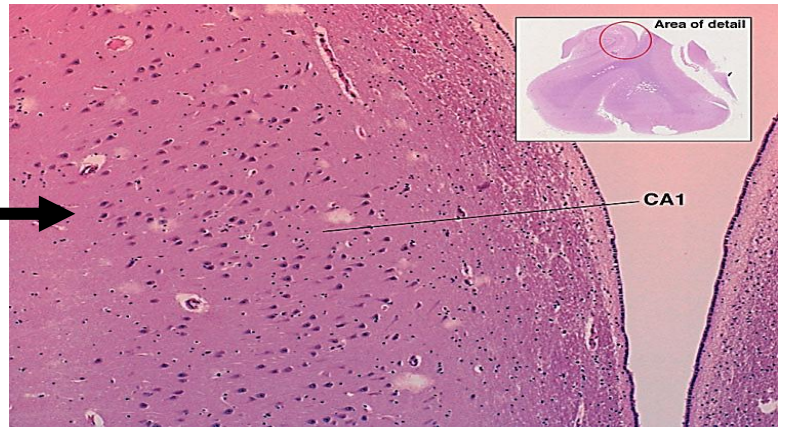


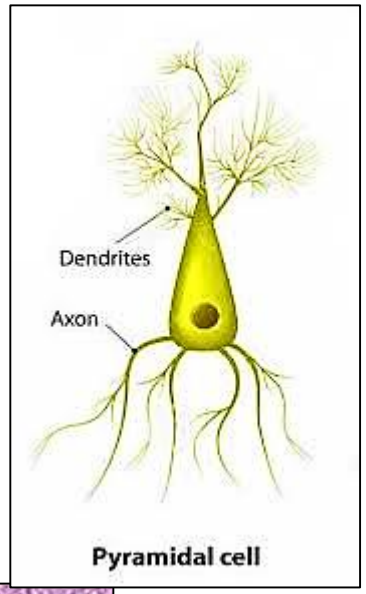


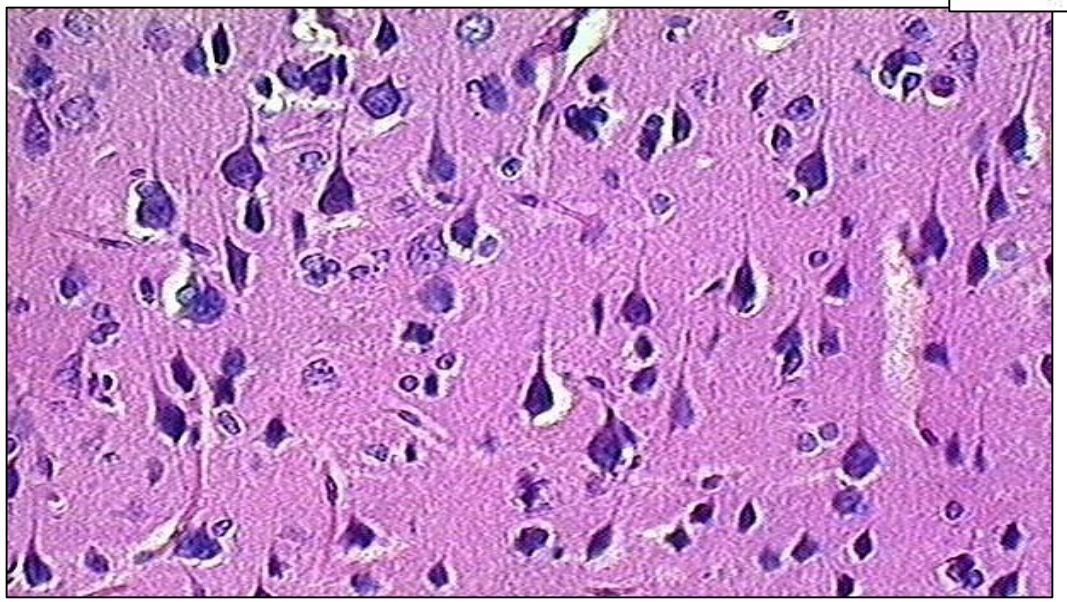
# Cross section in the spinal cord



# Cross section in the cerebrum

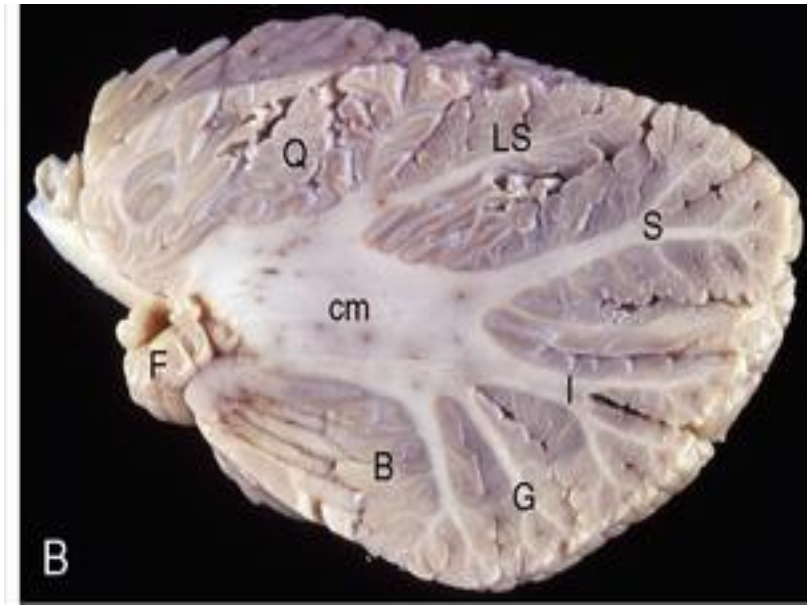



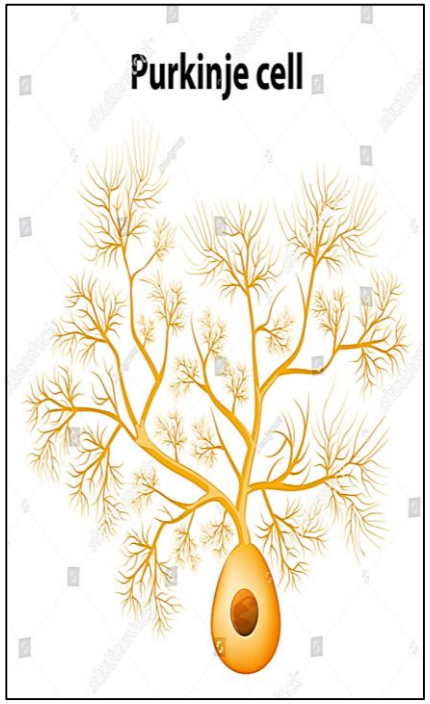



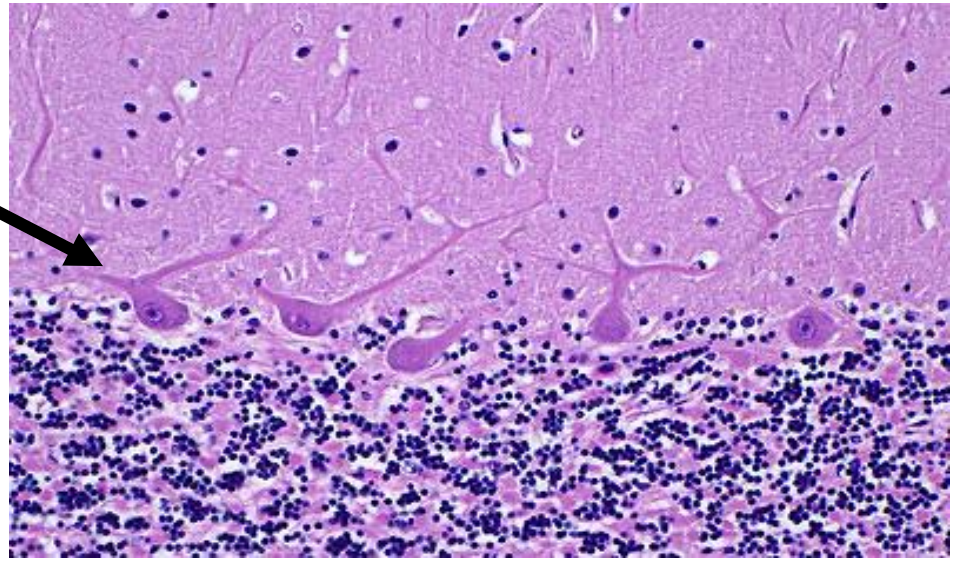
**Pyramidal neuron of cerebrum**

# Cross section in the cerebellum

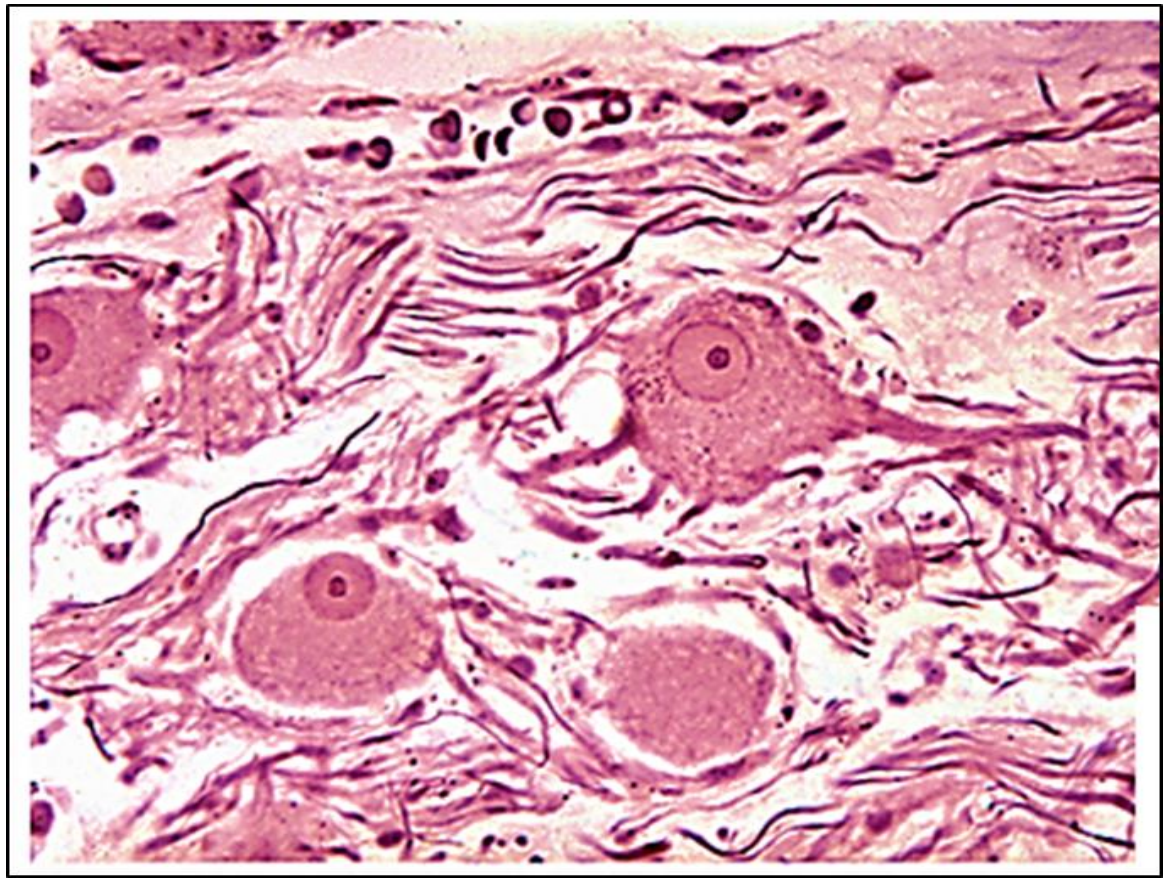



**Purkinje neuron**

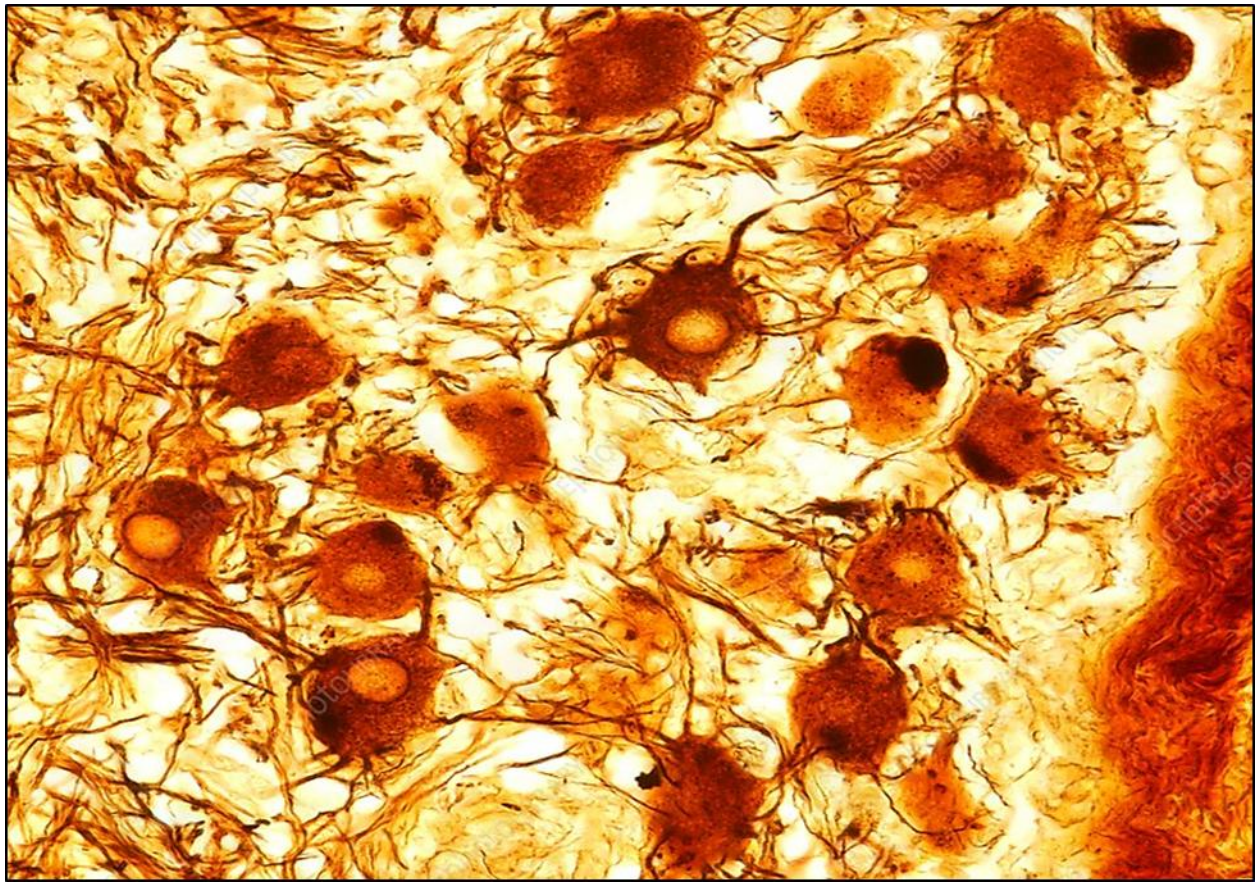


# Sympathetic ganglion (H&E)



1- nerve cells are multipolar and scattered
2- nuclei are eccentric
3- few satellite cells

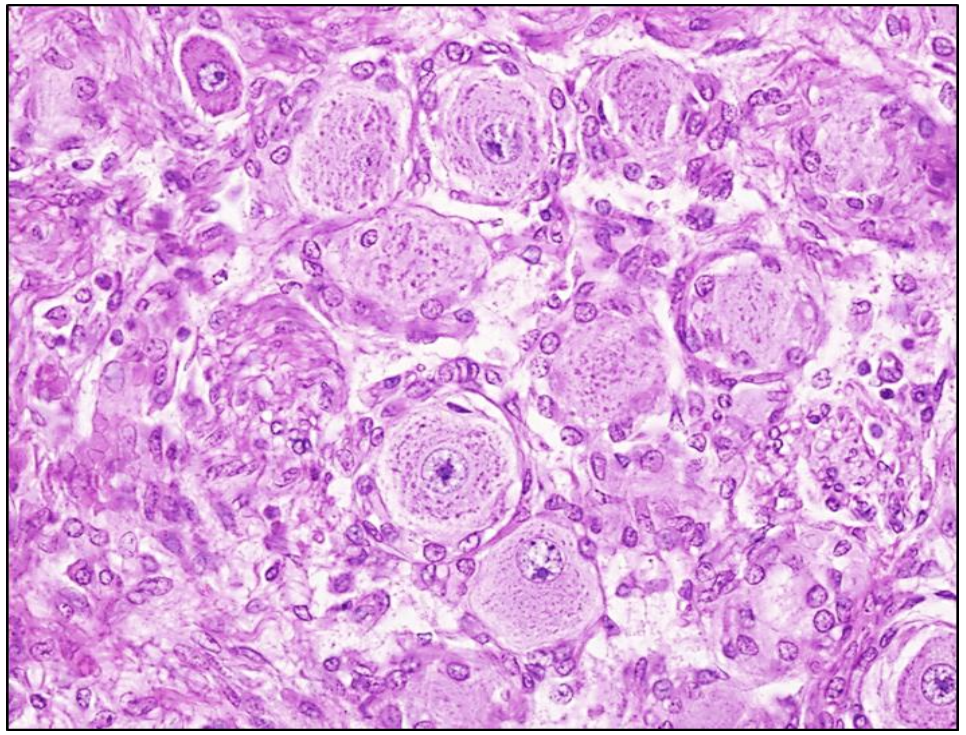
# Sympathetic ganglion (sliver)

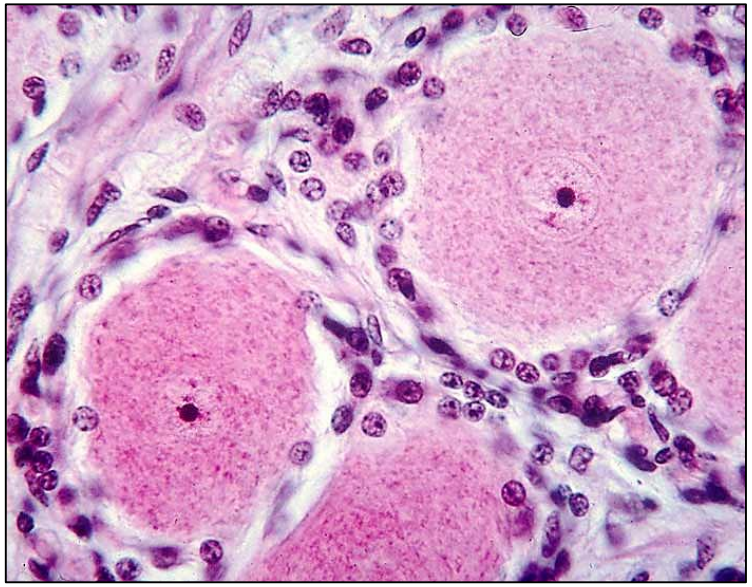


**1- nerve cells are multipolar and uneven**

**2- nerve  cells are  scattered**

# The spinal ganglion (H&E)





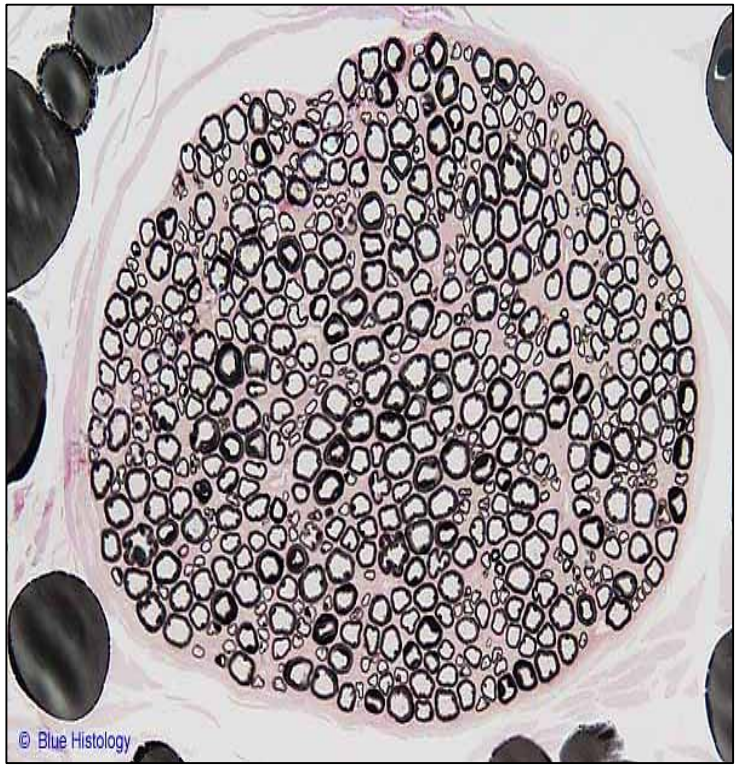
**1- nerve cells are rounded ( unipolar) & present in rows**

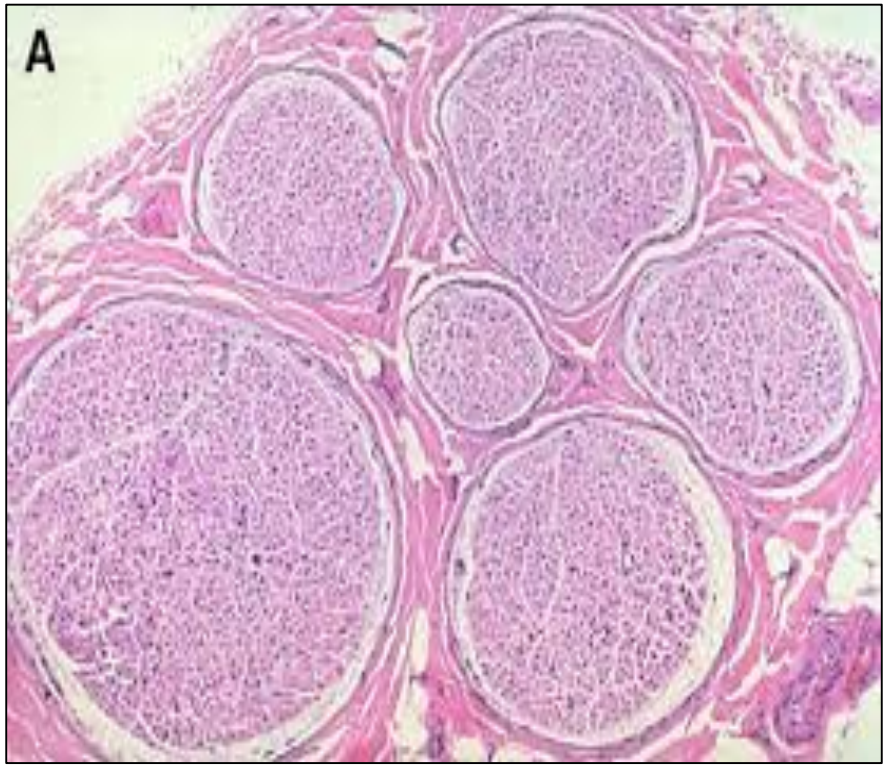
**2- nuclei central**

**3-Myleinated nerve fibers**

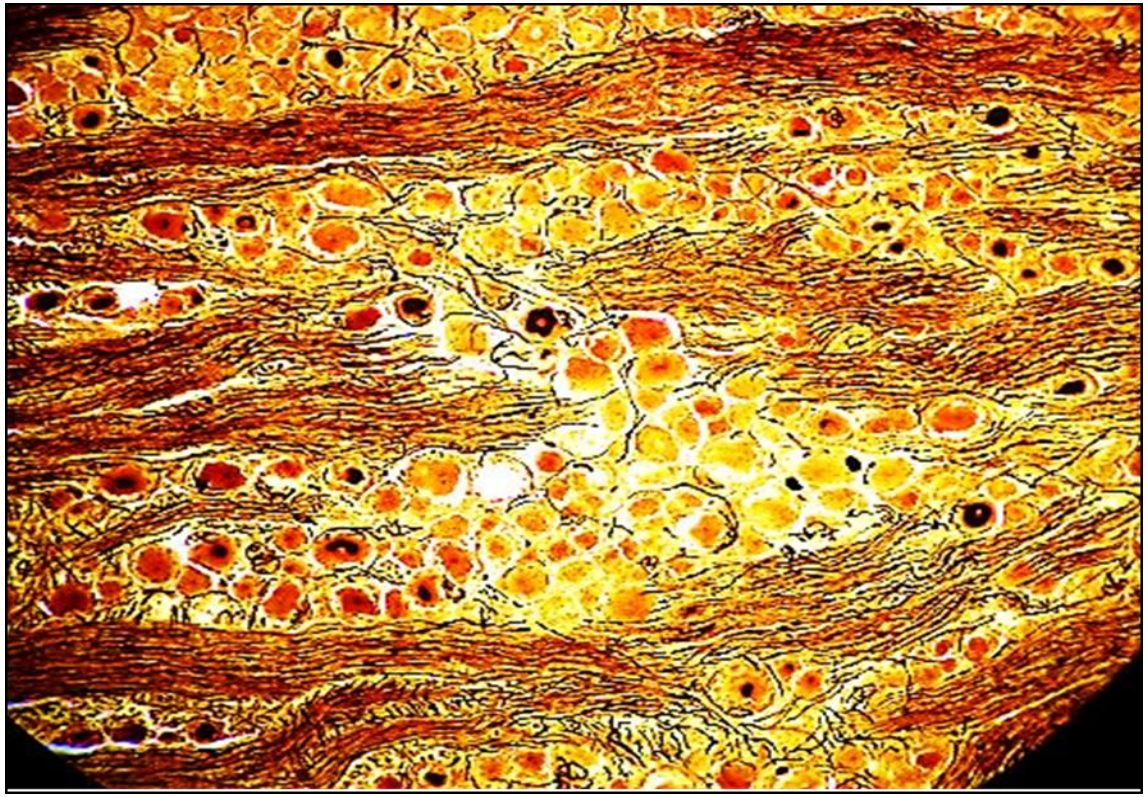
**4- Satellite cells surround each nerve cell body**

# Nerve trunk stained with osmic acid & H&E



# The spinal ganglion (sliver)



**1- nerve cells are rounded ( unipolar) & present in rows**
**2-Myleinated nerve fibers**

**Connective tissue coverings of peripheral nerve = Nerve trunk**