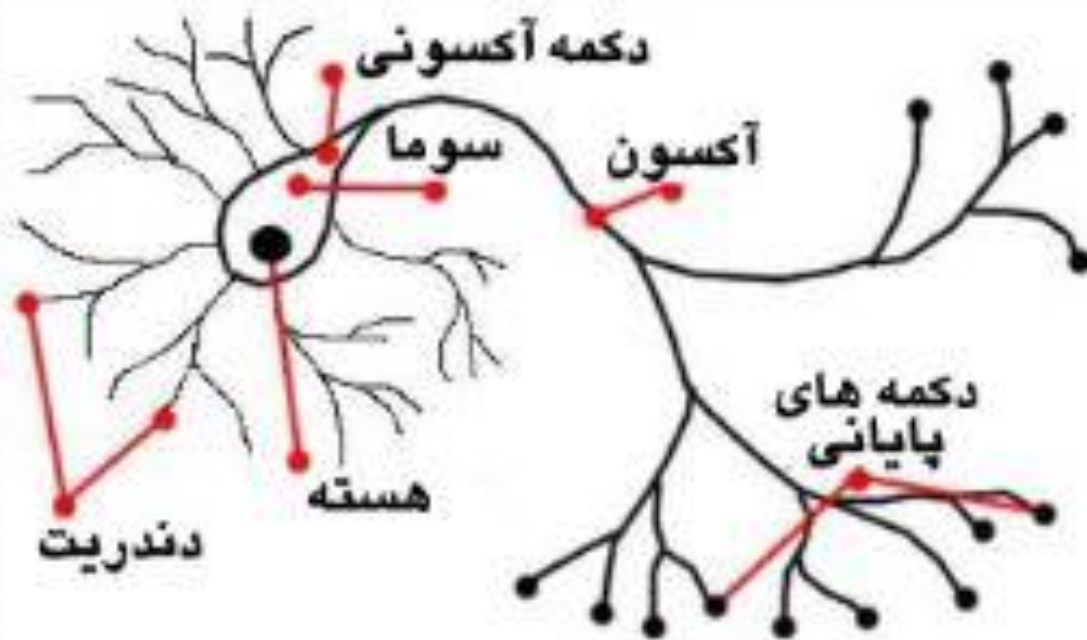


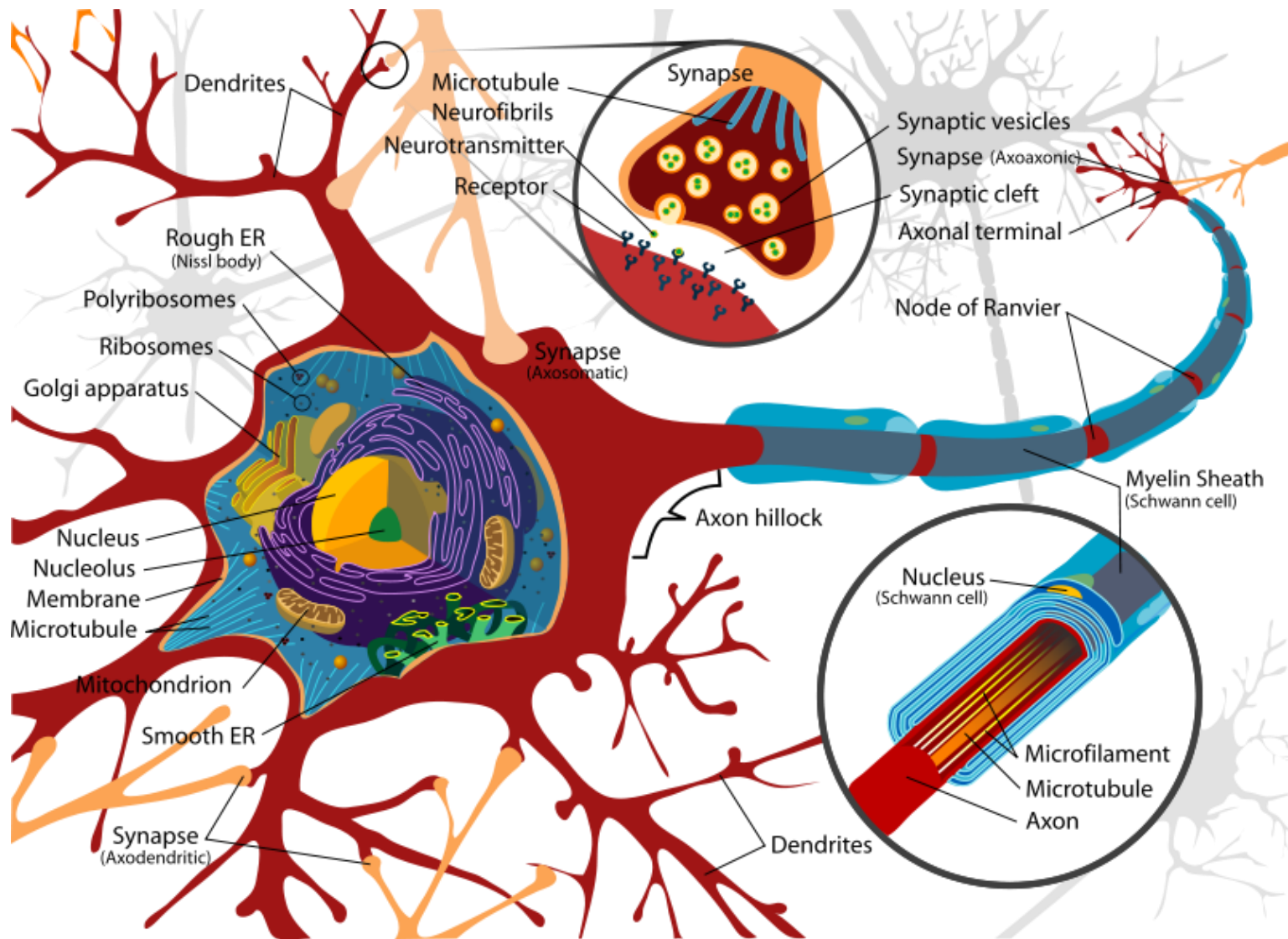
تهیه:

مصطفی پیمبری

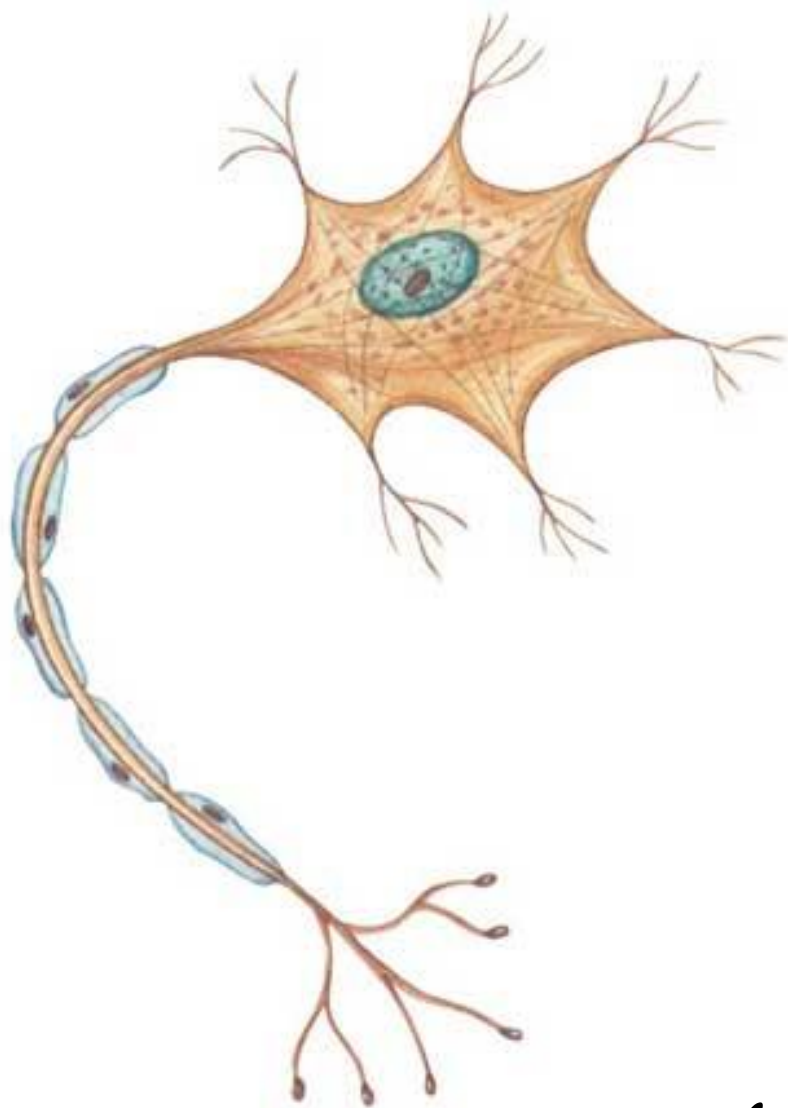
کانال نور و پسیکولوژی



مصطفی پیمبری

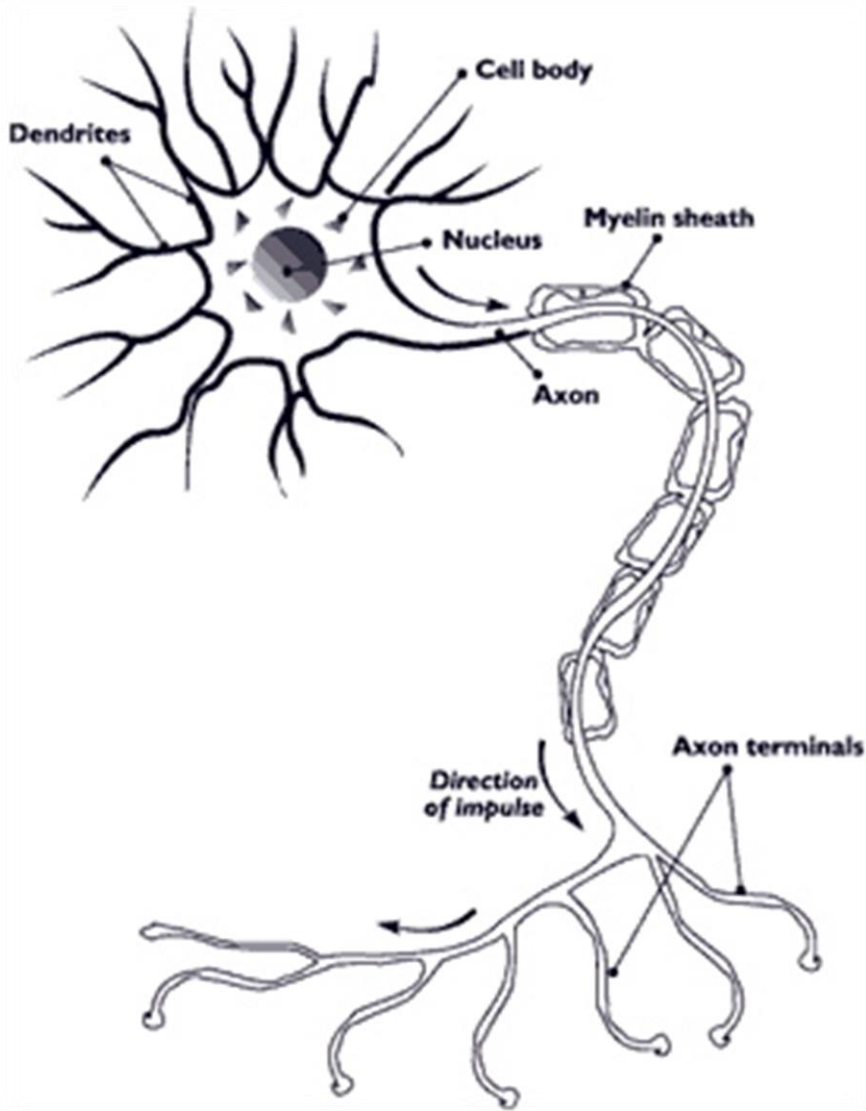


مصطفی پیمبری



مصطفی پیمبری

دریافت حواس هنگامی اتفاق  
می‌افتد که بدن از راه نورون‌ها، گلیا  
و سیناپس‌ها به گردآوری اطلاعات و  
داده‌ها می‌پردازد.

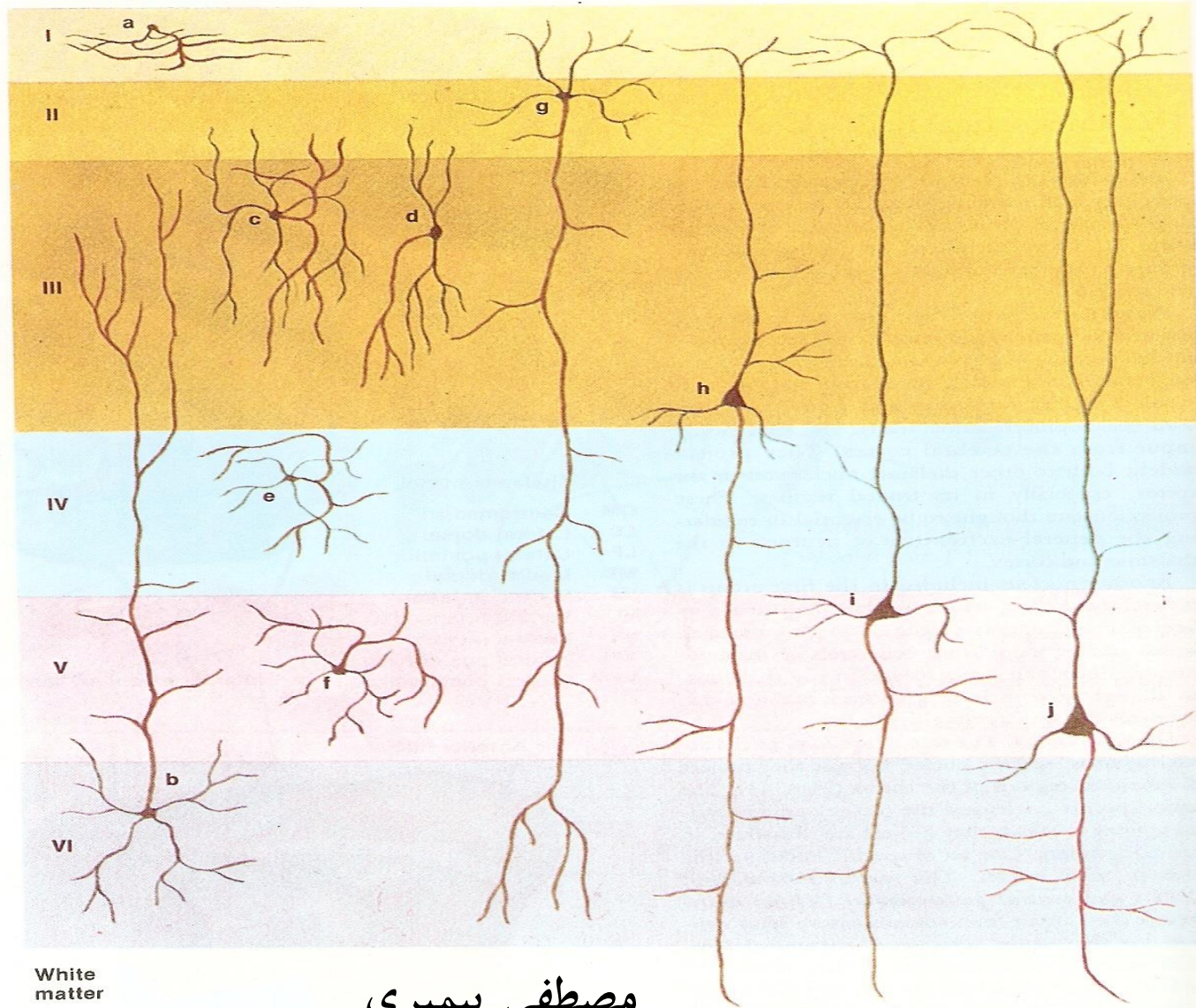


مصطفی پیمبری





# Types of Neurons in Cerebral Cortex



White matter

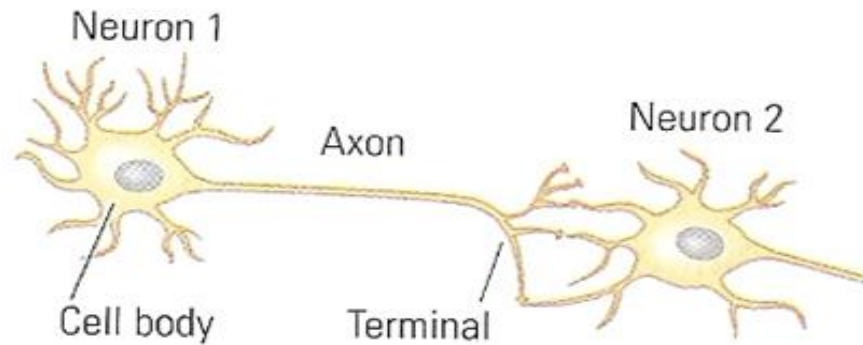
مصطفی پیمبری

Cortical interneurons

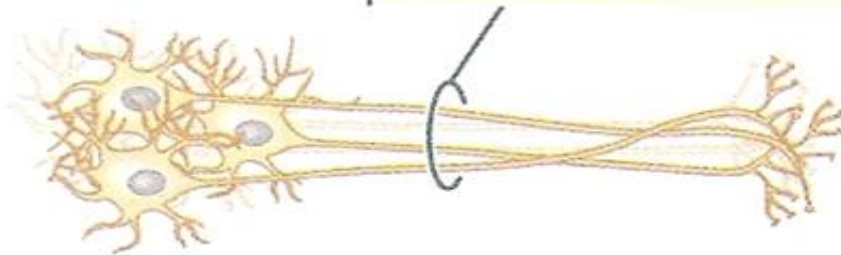
Cortical association neurons

Efferent neuron

L. Netter M.D.



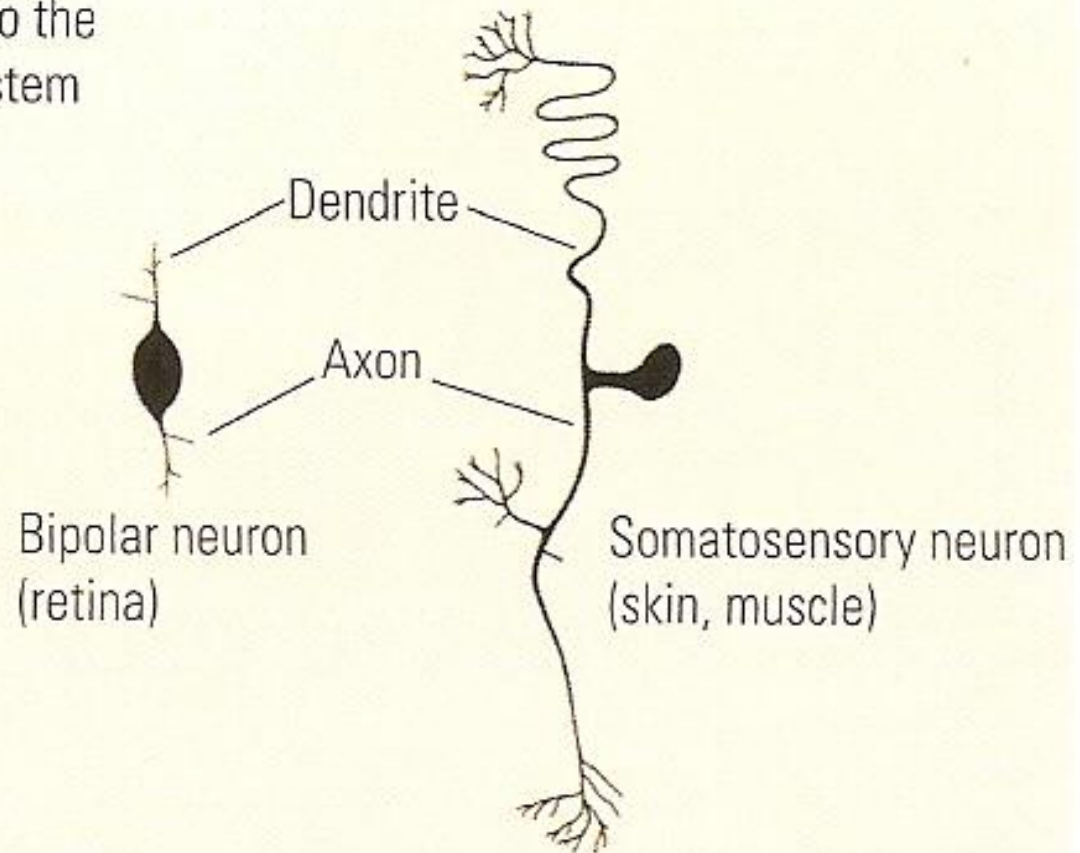
Several axons running together are a nerve (when outside the brain) or a tract (when inside the brain).



مصطفی پیمبری

## (A) Sensory neurons

Bring information to the central nervous system

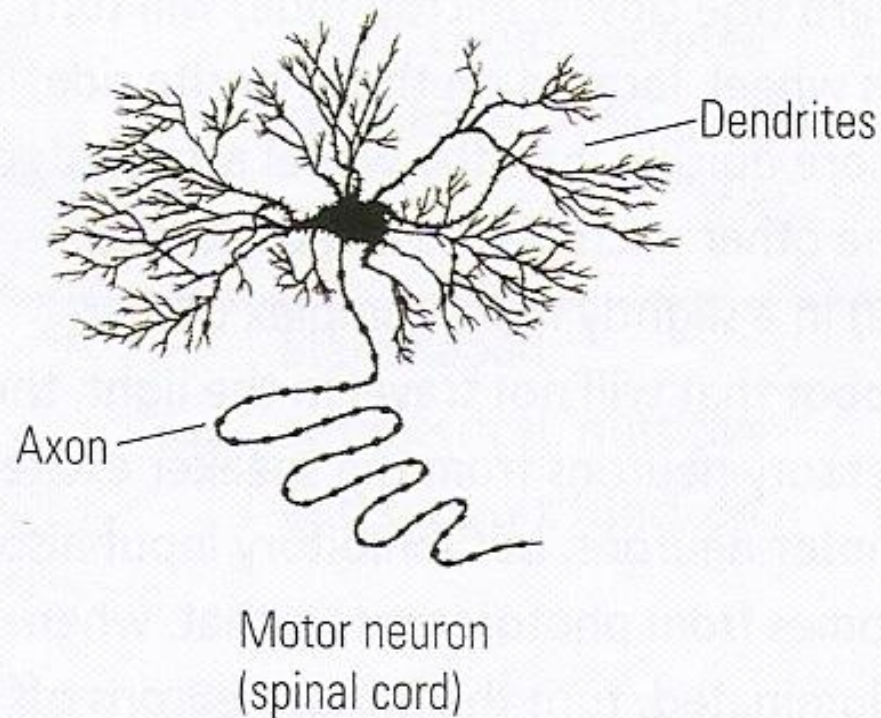


مصطفی پیمبری



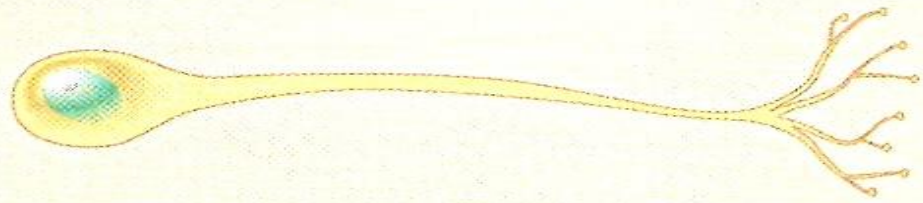
### (C) Motor neurons

Send signals from the brain and spinal cord to muscles

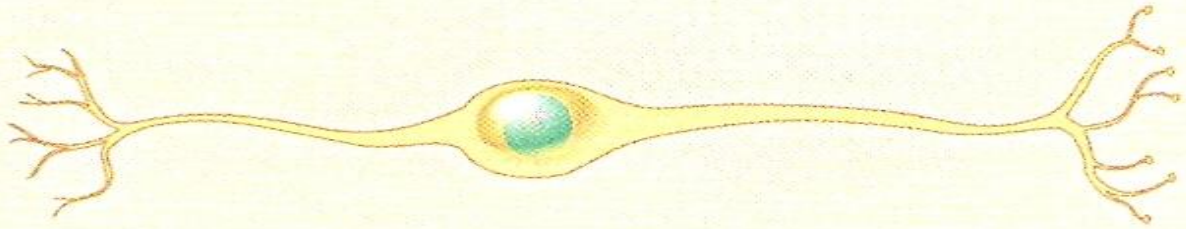


مصطفی پیمبری

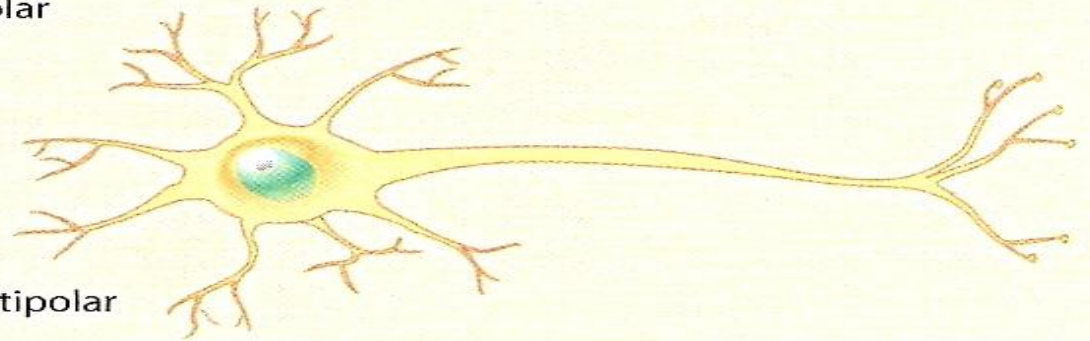
Unipolar



Bipolar

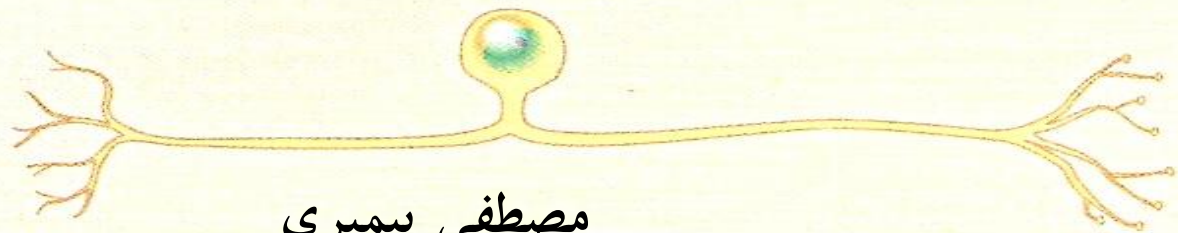


Multipolar



Psuedounipolar


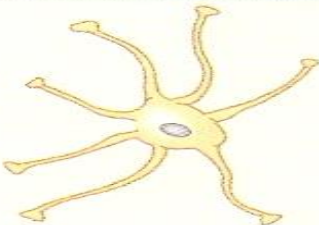
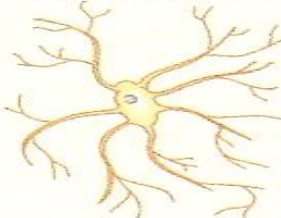
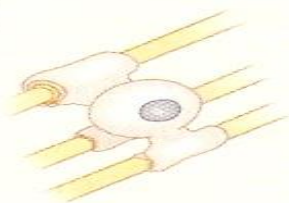

مصطفی پیمبری



# Glial Cells

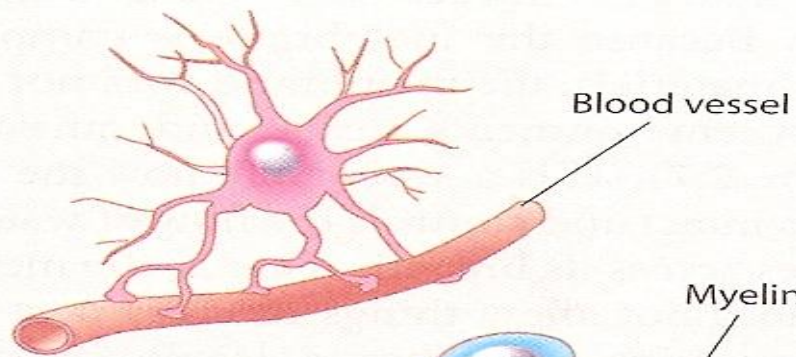
Glial Cells are often described as the support cells of nervous system.

**Table 3-1****Types of Glial Cells**

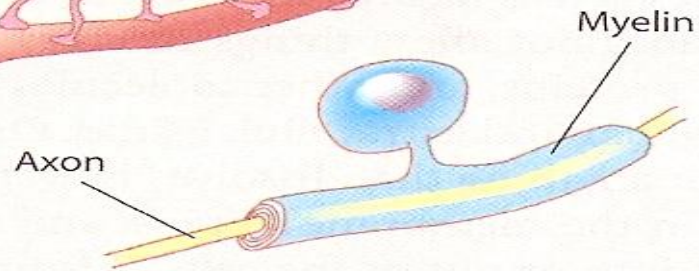
Type	Appearance	Features and function
Ependymal cell		Small, ovoid; secretes cerebrospinal fluid (CSF)
Astrocyte		Star-shaped, symmetrical; nutritive and support function
Microglial cell		Small, mesodermally derived; defensive function
Oligodendroglial cell		Asymmetrical; forms myelin around axons in brain and spinal cord
Schwann cell		Asymmetrical; wraps around peripheral nerves to form myelin



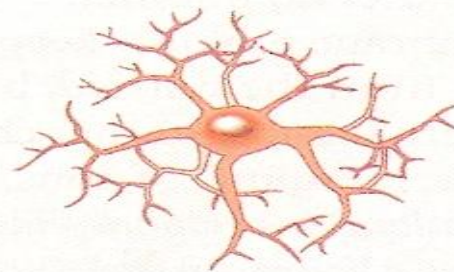
Astrocyte



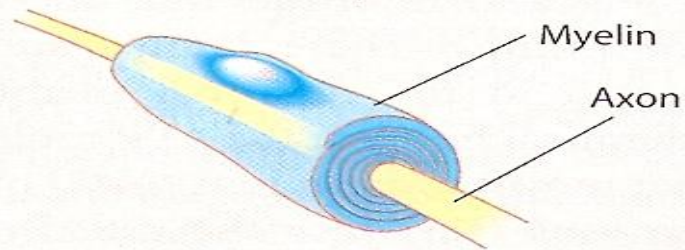
Oligodendrocyte



Microglia



Schwann cell





# تهیه: مصطفی پیمبری

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