Neuroglial Cell Types & Function

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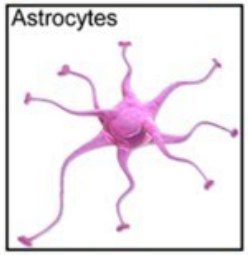
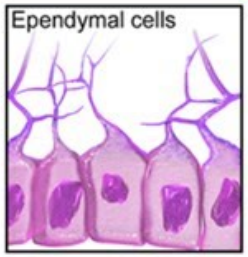
Central Nervous system

Astrocytes



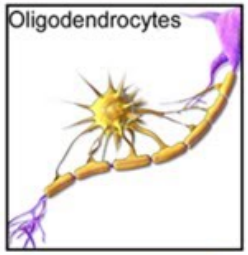
Maintain blood brain barrier -controlling the levels of neurotransmitter around synapses, -regulate ion, and providing metabolic support.

Ependymal cells



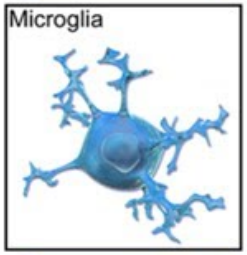
Line spinal cord & ventricles of the brain. -involved in producing cerebrospinal fluid (CSF).

Oligodendrocytes



Myelinate CNS axons, provide structural framework

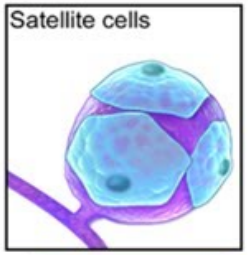
Microglia



Brain's immune cells -Remove dead cells and pathogens by phagocytosis

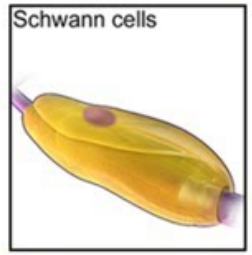
Peripheral Nervous system

Satellite cells



Surround neuron cell bodies in ganglia. Regulate neurotransmitter levels

Schwann cells



Myelinate neurons in PNS. maintenance and regeneration of neurons after injury