

Types of Istial Cells :-Astrocyti:(Most
Abandent) · They are star-shaped cells [Type of Neuroglia] · Controls environment around neurons -> Nutrient-Ion Homeostasis · Involved in Synapse Formation - in developing rowal tissue · Maintains Blood-Brain Barrier - Protecting Brainfrom pathogens, chemicals etc and allow only we useful nutrients such as oxygen & glucose to pass through 2) Oligodendrocytes: Involved in Myelin Sheath Formation of for rapid conduction of nerve inpulses.

Maintains Myelin Plasticity or Can adjust & myelin sheath thickness based on neural activity Schwann cells surround axons in the PNS and form myelin sheath around axons of the PNS

· They serve as resident immune alls of CNS Type of Neuroglia.

· Involved in Immune Defence - they engulf and digest the

unwanted materials via phagocylosis

· Involved in Pathogen Defence -> detect and hemore bacter

visues etc that night harm the brain They are derived from blood cells called monocytes