

Figure 10.10 illustrates the relationship between the different types of cells in the nervous system. The diagram shows a cross-section of the nervous system with various cell types labeled. The central nervous system (CNS) is shown in the middle, and the peripheral nervous system (PNS) is shown on the sides. The diagram illustrates the following:



Figure 10.10
The relationship between the different types of cells in the nervous system.



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- Central Nervous System (CNS):** Contains the cell bodies of neurons and glial cells (astrocytes and oligodendrocytes).
- Peripheral Nervous System (PNS):** Contains the axons of neurons and Schwann cells that form the myelin sheath.
- Relationship:** Axons extend from the CNS to the PNS, where they are surrounded by Schwann cells and myelinated.

Figure 10.10 The relationship between the different types of cells in the nervous system. The diagram shows the central nervous system (CNS) and the peripheral nervous system (PNS). The CNS contains the cell bodies of neurons and glial cells (astrocytes and oligodendrocytes). The PNS contains the axons of neurons and Schwann cells that form the myelin sheath. Axons extend from the CNS to the PNS, where they are surrounded by Schwann cells and myelinated.