

Glial Cells

Glial cells: provide support, nutrition, insulation, and help with signal transmission to neuron cells
≈ 10 glial cells for every 1 neuron

CNS Glial Cells

- Astrocytes = exchange nutrients between neurons and capillaries
- Microglial cells = defend against microorganisms
- Ependymal cells = line cavities and make spinal fluid
- Oligodendrocytes = wrap and insulate, form the myelin sheath

PNS Glial Cells

- Satellite cells = surround neuron cell bodies
- Schwann cells = wrap and insulate, form the myelin sheath