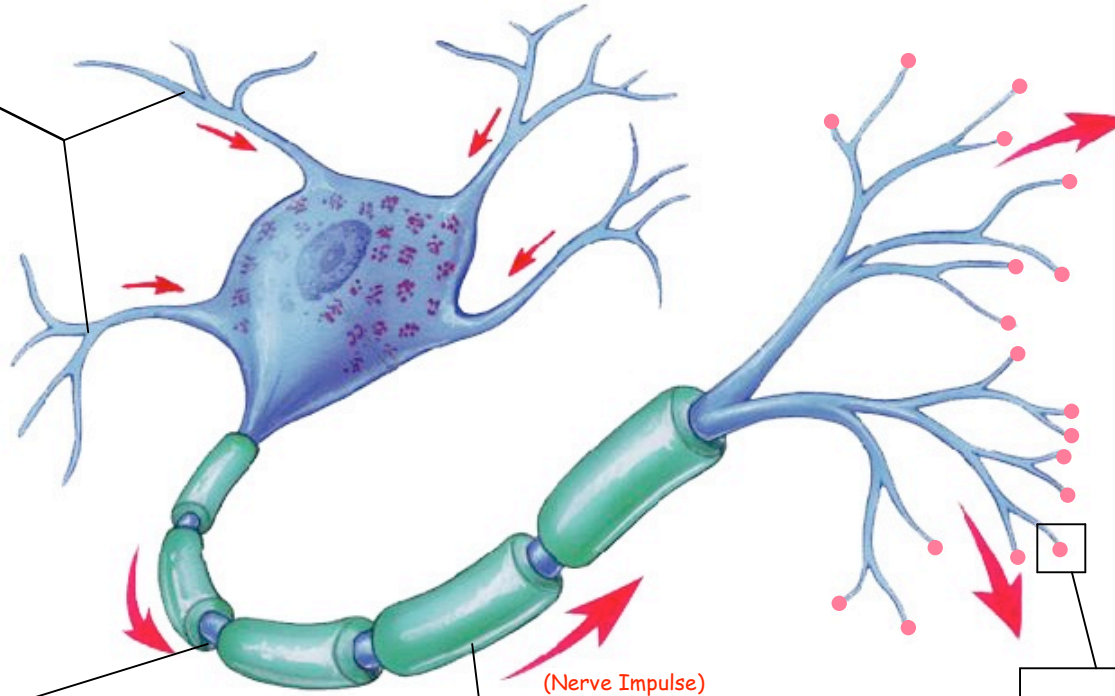


# Neurons

The Messengers of the Mind

## Dendrites:

branchlike fibers that receive electrochemical impulses from adjacent neurons and guide them to the soma (cell body)



## Axon:

a long, slender fiber that directs electrochemical signals from the soma to other neurons

## Myelin:

a white, fatty sheath that insulates the axon to strengthen and accelerate the transmission of impulses

## Synapse:

the electrochemical link between axon terminals and the dendrites of adjacent neurons

