

# Nervous Tissue

From my mind to my paper

# Neural Tissue

- Nerve tissue is designed to conduct electrical impulses from one region of the body to another.
- Almost all nerve tissue is found in the brain and the spinal cord – the control centers of the nervous system.

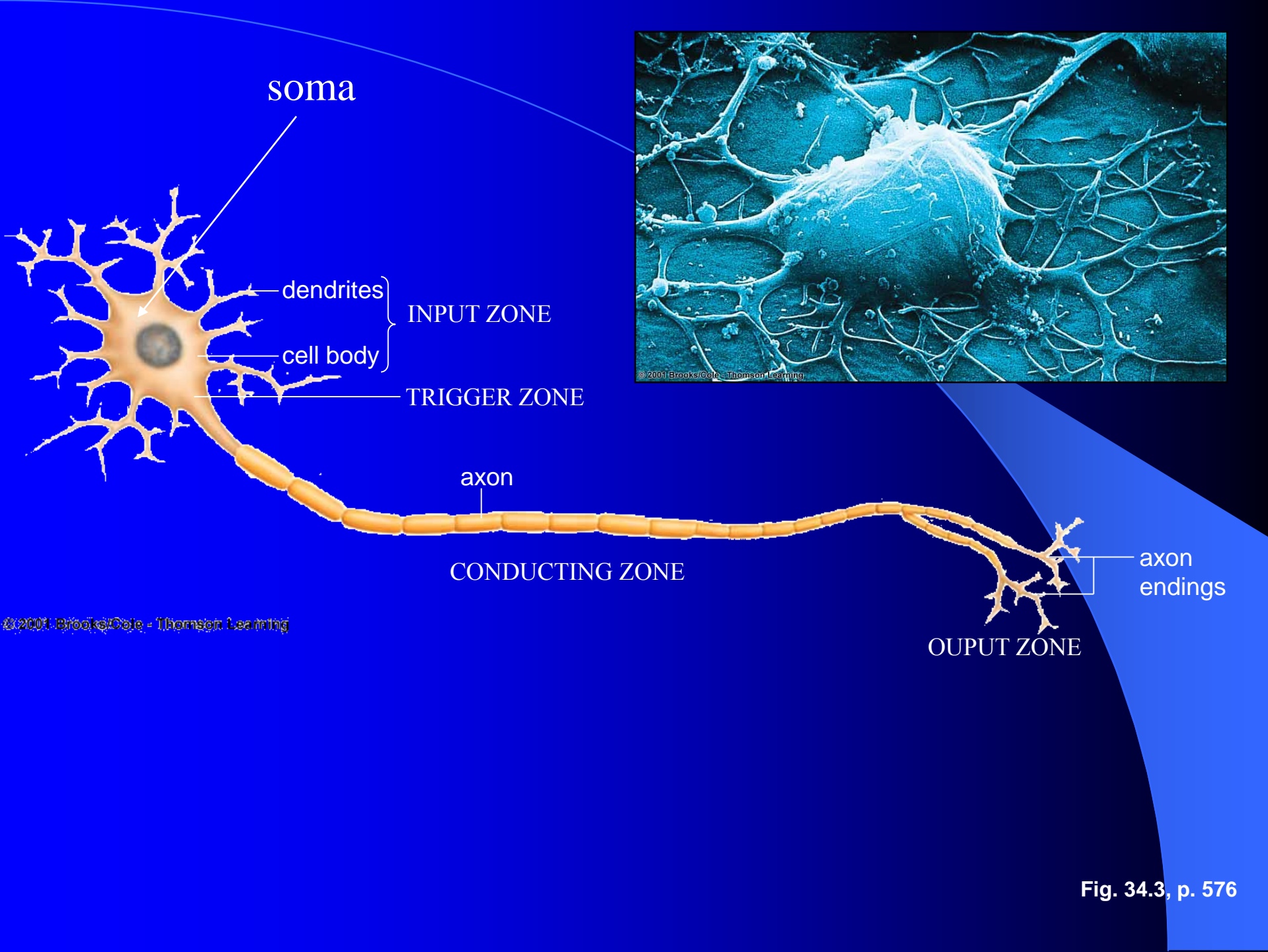
# 2 Main Cell Types

1. Neurons
2. Neuroglia

Let's take a look at both.

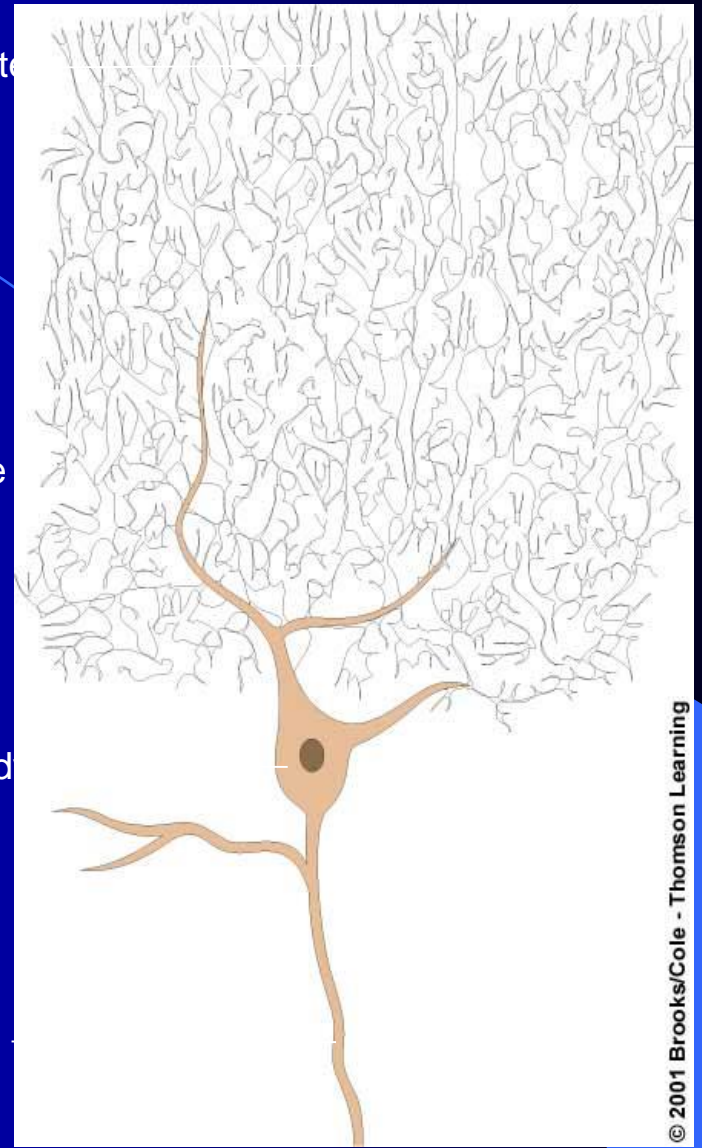
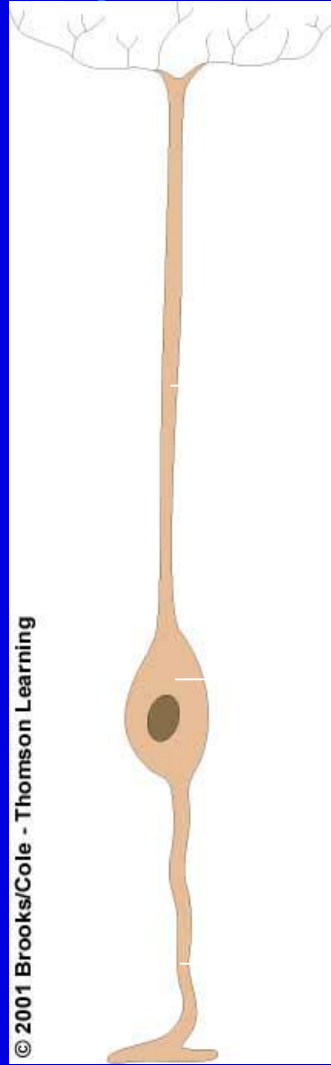
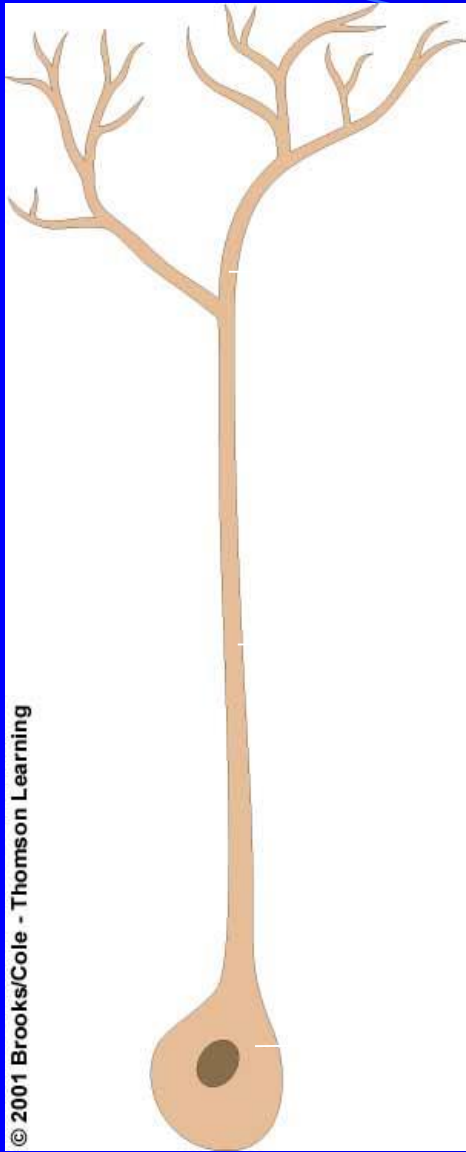
# Neurons

- They are the functional unit of the nervous system.
- They are the longest cells in the body.
- They are the cells that transmit all our thoughts and pickup and send signals to all parts of our body.



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Fig. 34.3, p. 576



dendrite

cell body

dendrite

dendrite

cell body

axon

Fig. 34.3, p. 576

# Neuroglia

- These are supporting cells.
- They protect and provide nutrition to the neuron.
- They do not transmit electrical impulses.
- They are the most numerous cells of the nervous system.

