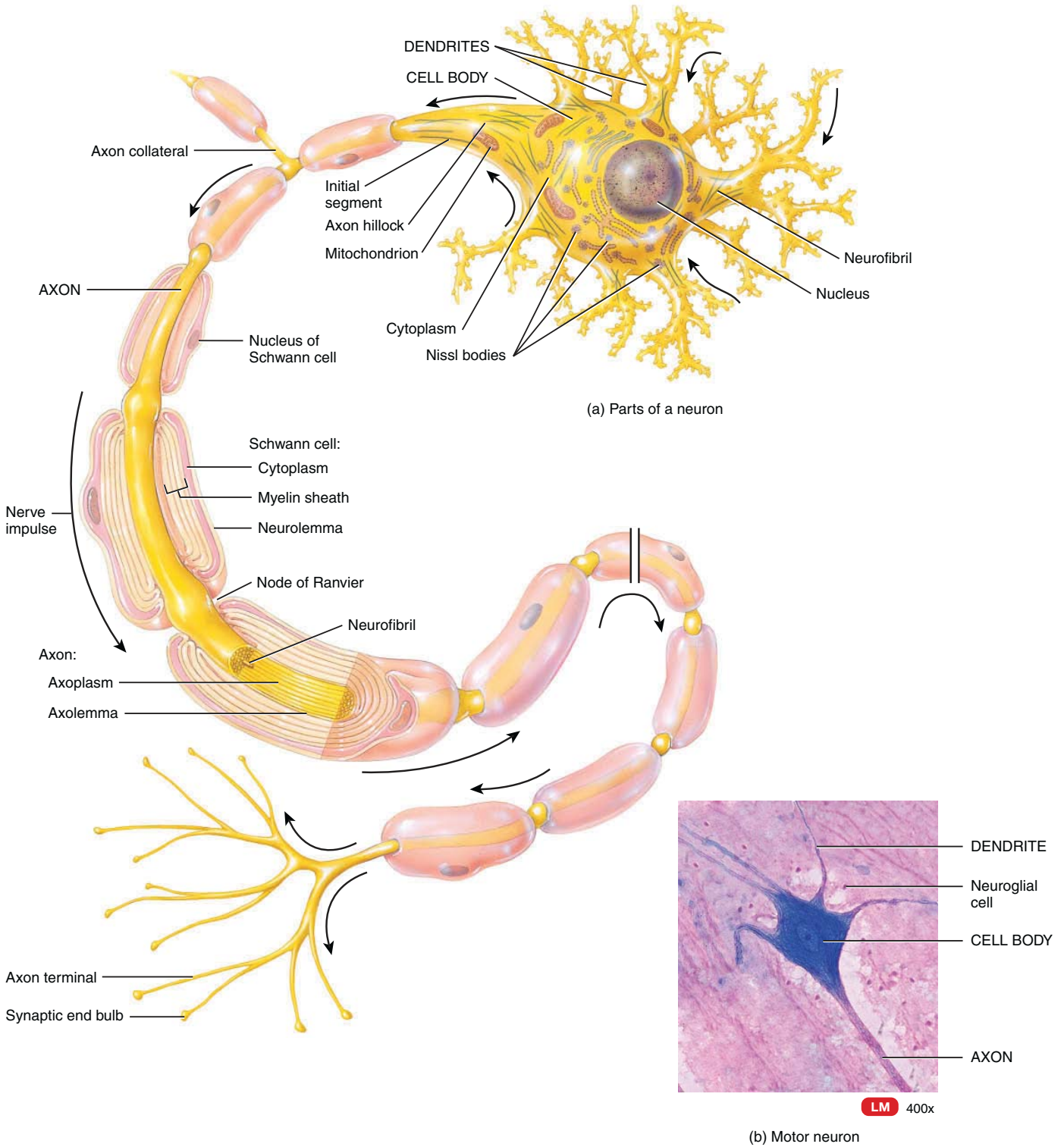




Figure 12.2 Structure of a multipolar neuron. A multipolar neuron has a cell body, several short dendrites, and a single long axon. Arrows indicate the direction of information flow: dendrites → cell body → axon → axon terminals.

The basic parts of a neuron are dendrites, a cell body, and an axon.



What roles do the dendrites, cell body, and axon play in communication of signals?