



The diagram shows a single neuron. The cell body (soma) contains the nucleus. Dendrites receive signals from other neurons. The axon carries signals away from the cell body. The axon is covered by a myelin sheath, which is made of Schwann cells. The myelin sheath is composed of segments called myelin sheath.

QUESTION

FACTFILE



The diagram shows a synapse. The axon terminal of one neuron is very close to the dendrite of another neuron. The gap between them is called the synapse. The axon terminal contains neurotransmitters that are released into the synapse. The neurotransmitters bind to receptors on the dendrite, which triggers an action potential in the second neuron.

QUESTION