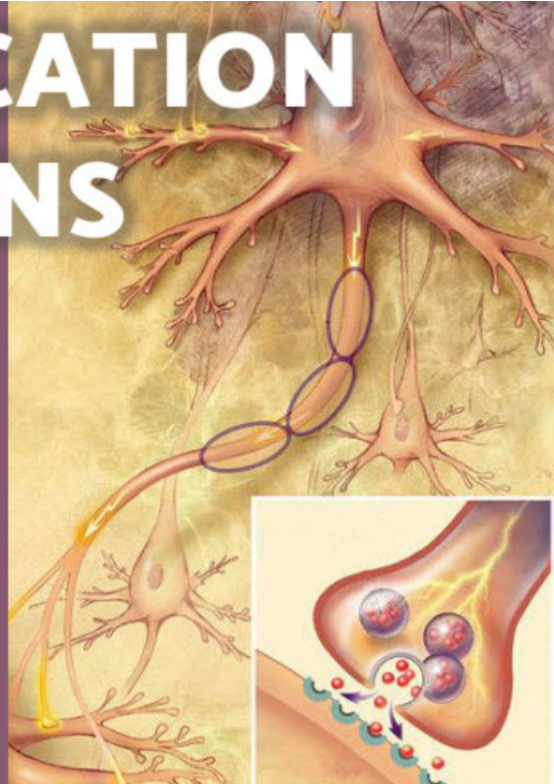


**Module 2: Biological Basis of Behavior**  
**Topic 1 Content: Communication of Neurons**

**Introduction**

# COMMUNICATION OF NEURONS

Neural communication explains how the brain and body communicate through connections and signals that allow you to understand your surrounding world. In this activity, drag and drop the slider to learn more about neural communication.



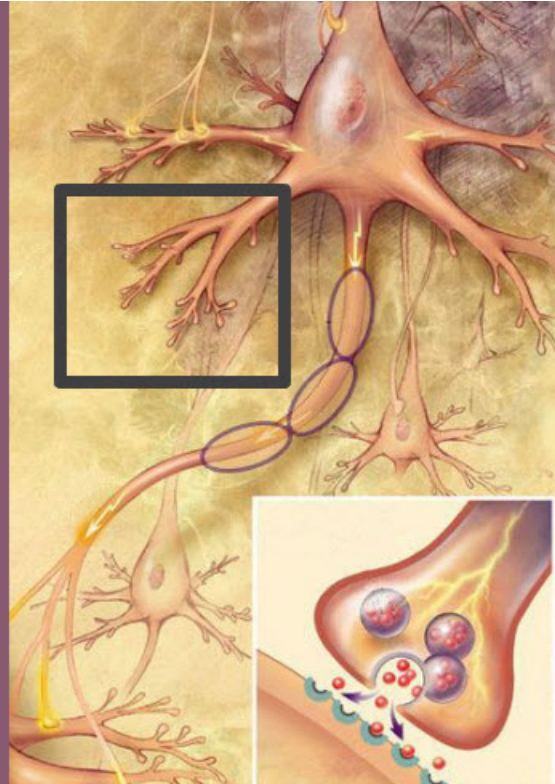
Neural communication explains how the brain and body communicate through connections and signals that allow you to understand your surrounding world. In this activity, drag and drop the slider to learn more about neural communication.

**Module 2: Biological Basis of Behavior**  
**Topic 1 Content: Communication of Neurons**

**Dendrites**

# DENDRITES

Dendrites receive a signal from a surrounding neuron. The message then gets sent to the cell body and processed.



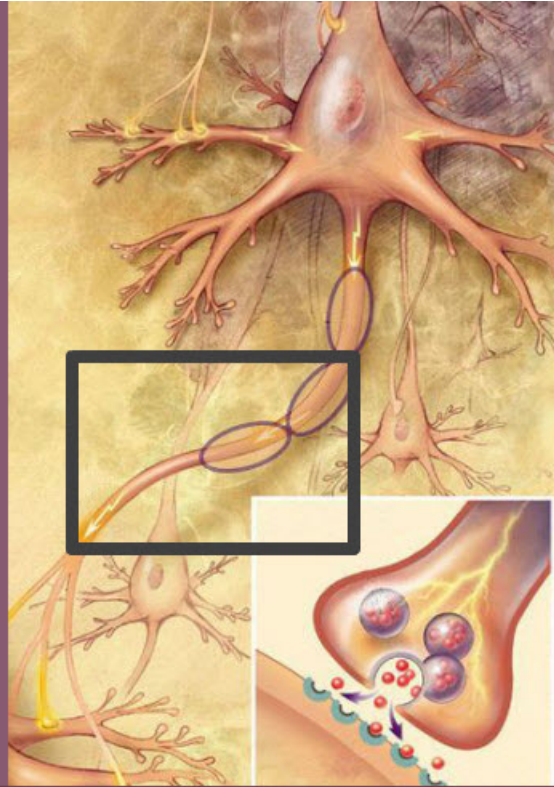
Dendrites receive a signal from a surrounding neuron. The message is then sent to the cell body and processed.

**Module 2: Biological Basis of Behavior**  
**Topic 1 Content: Communication of Neurons**

**Axons**

# AXONS

Axons carry information as an electrical impulse to the end of the axon terminals.



Axons carry information as an electrical impulse to the end of the axon terminals.

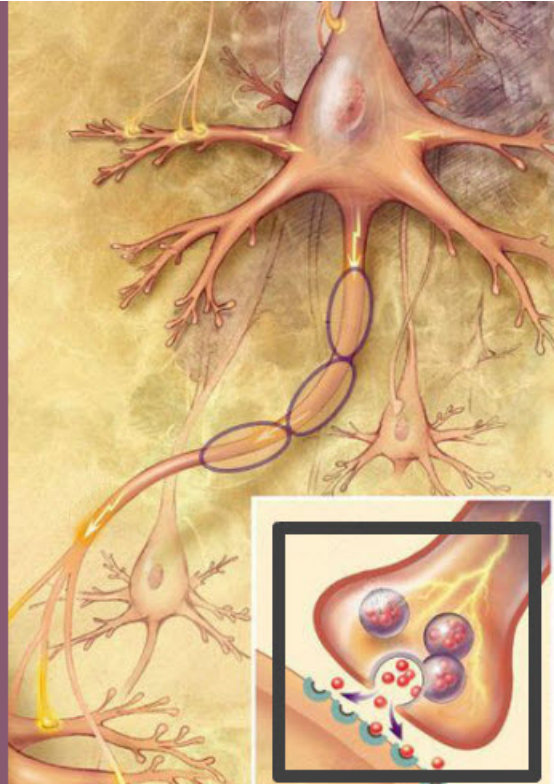
## Module 2: Biological Basis of Behavior

### Topic 1 Content: Communication of Neurons

#### Neurotransmitters

### NEUROTRANSMITTERS

Depending on the signal, specific neurotransmitters, or chemical substances, get released into the synapse. The neurotransmitters then bind to the dendrite receptors of another neuron. It reads the signal according to the chemical message of the particular neurotransmitter.



Depending on the signal, specific neurotransmitters, or chemical substances, get released into the synapse. The neurotransmitters then bind to the dendrite receptors of another neuron. It reads the signal according to the chemical message of the particular neurotransmitter.



## Module 2: Biological Basis of Behavior

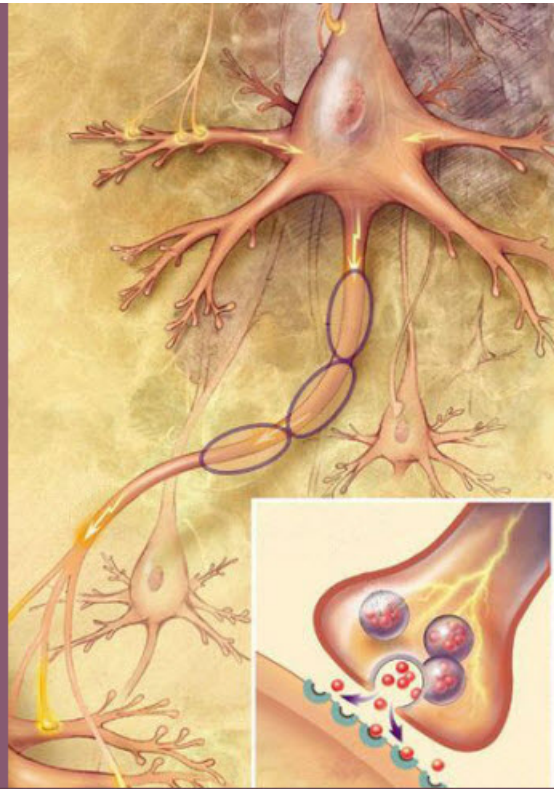
### Topic 1 Content: Communication of Neurons

#### Conclusion

# CONCLUSION

Because of continuous communication, the process of transmission continues from cell to cell.

**×** CLOSE



The process of transmission continues from cell to cell.