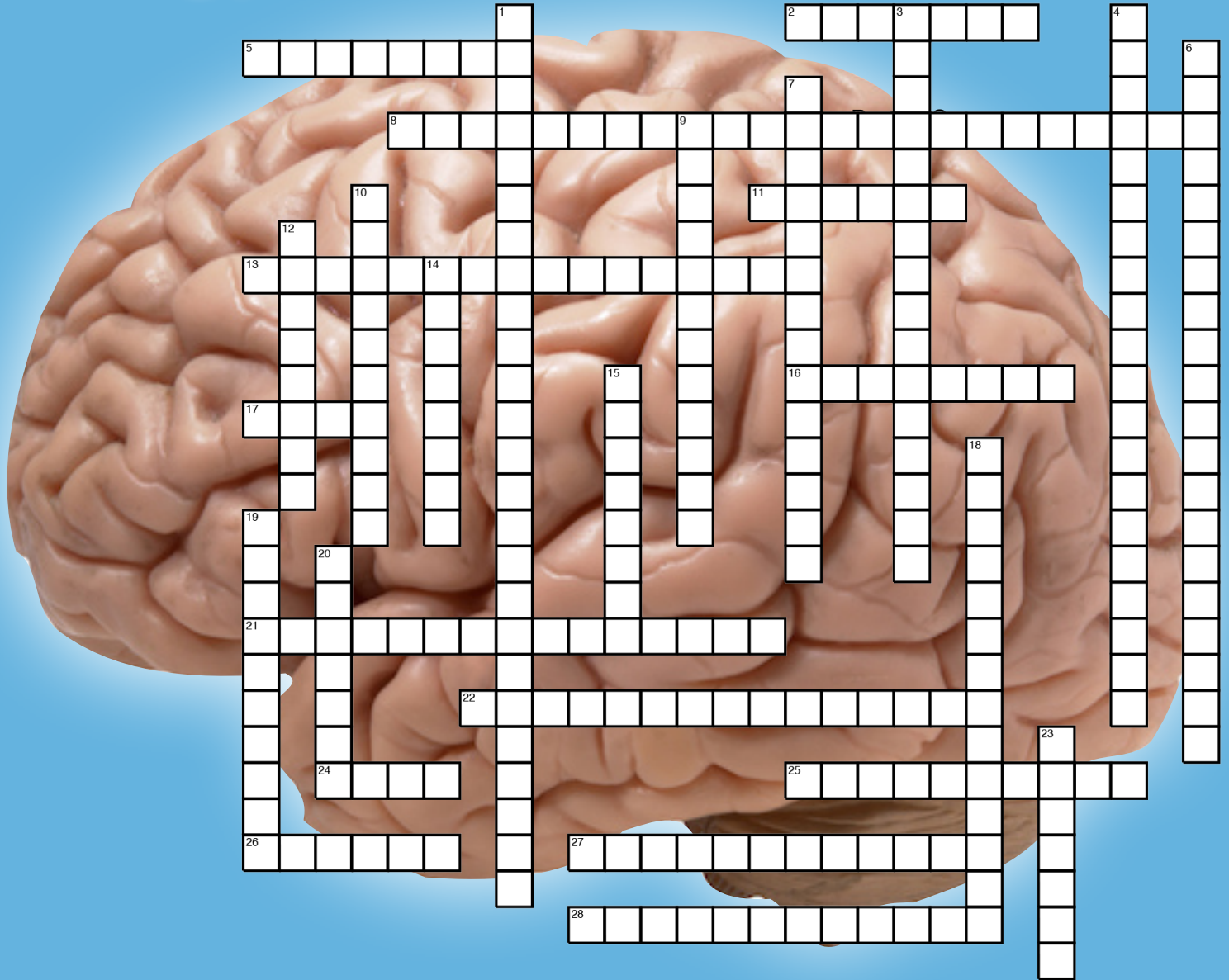


# Biology Behavior Crossword Review



**Across**

- 2 the junction between the axon terminals of the sending neuron and the dendrites of the receiving neuron
- 5 the branchlike extensions of a neuron that receive impulses and conduct them toward the cell body
- 8 the neurons that connect the central nervous system to the rest of the body, including muscles and glands (3 Words)
- 11 a nerve cell, the basic building block of the nervous system
- 13 a chemical messenger that carries impulses across the synaptic gaps between neurons
- 16 the large mass of the forebrain, consisting of two hemispheres
- 17 a brain structure located at the top of the brain stem that is involved in respiration, movement and sleep.
- 21 the glands that secrete hormones into the bloodstream (2 Words)
- 22 areas of the cerebral cortex that are involved in such mental operations as thinking, memory, learning and problem solving (2 Words)
- 24 a long tubelike structure attached to a neuron that transmits impulses away from the neuron cell body
- 25 a column of nerves within the spine that transmit messages to and from the brain (2 Words)
- 26 a white fatty substance that insulates axons and enables rapid transmission of neural impulses
- 27 the neural structure located below the thalamus that controls temperature, hunger, thirst, and various aspects of emotion
- 28 a group of neural structures at the base of the cerebral hemispheres that is associated with emotion and motivation (2 Words)

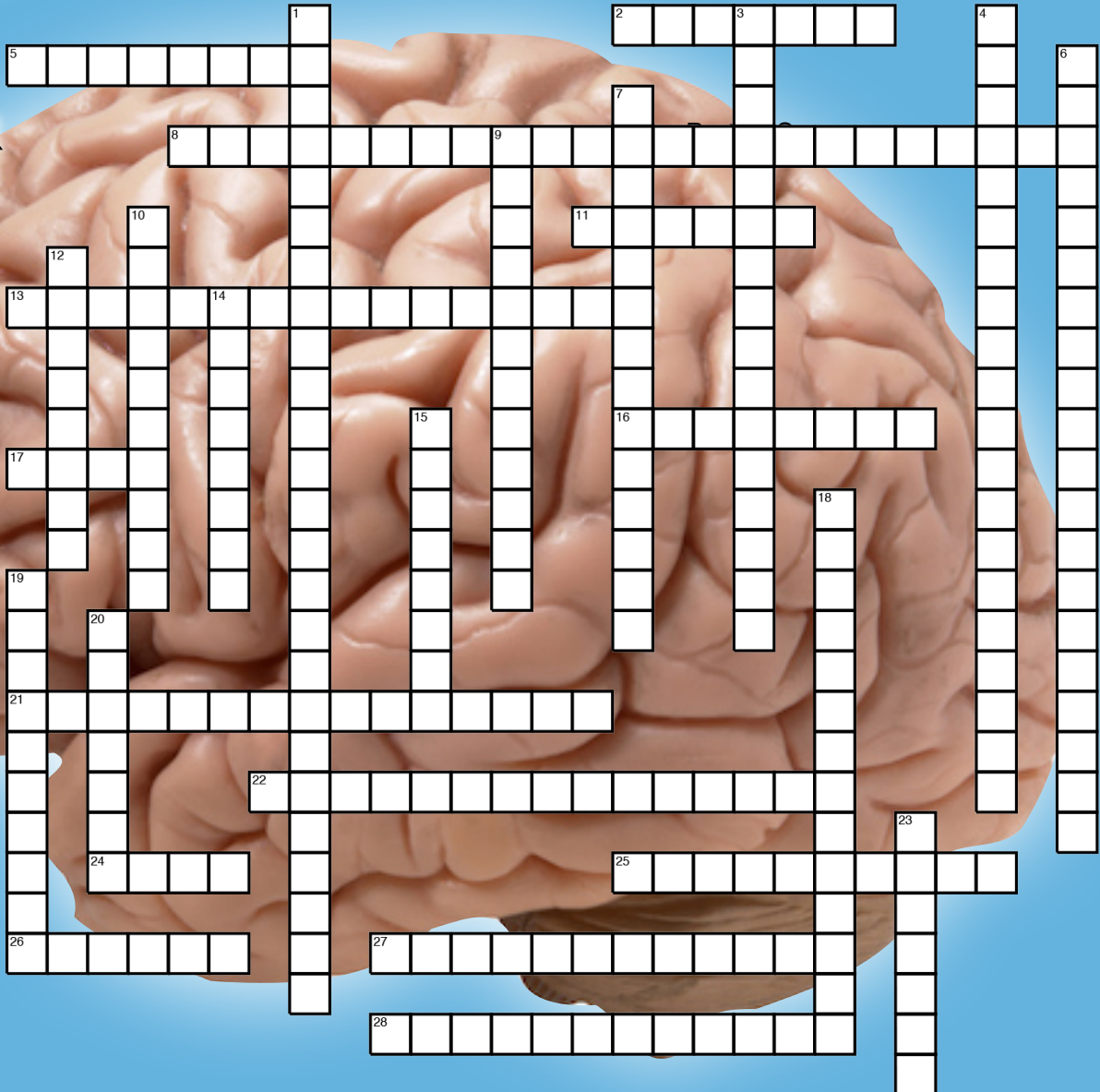
**Down**

- 1 the part of the brain that is involved in attention, sleep and arousal (3 Words)
- 3 the subdivision of the peripheral nervous system that regulates body functions, such as system respiration and digestion (2 Words)
- 4 the part of the nervous system that consists of the brain and the spinal cord (3 Words)
- 6 the division of the peripheral nervous system that connects the central nervous system with sensory receptors, muscles and skin (3 Words)
- 7 the bumpy, convoluted surface of the brain; the body's control and information processing center (2 Words)
- 9 small fibers branching out from an axon (2 Words)
- 10 a microscopic threadlike structure in the nucleus of every living cell; contains genes the basic building blocks of heredity
- 12 the part of the neuron that produces the energy needed for the activity of the cell (2 Words)
- 14 the structure of the brain that relays messages from the sense organs to the cerebral cortex
- 15 the genetic transmission of traits from one generation to the next gene the basic building blocks of heredity
- 18 the nerve fibers that connect the left and right hemispheres of the cerebral cortex (2 Words)
- 19 the area of the brain that is responsible for voluntary movement and balance
- 20 a structure at the base of the brain stem that controls vital functions such as heartbeat and breathing
- 23 one of several chemicals produced by the endocrine glands that regulates specific body functions

# Biology Behavior Crossword Review

## Word Bank

- central nervous system
- peripheral nervous system
- neuron
- cell body
- dendrite
- axon
- myelin
- axon terminal
- synapse
- neurotransmitter
- spinal cord
- somatic nervous system
- autonomic nervous system
- medulla
- pons
- cerebellum
- reticular activating system
- thalamus
- hypothalamus
- limbic system
- cerebrum
- cerebral cortex
- corpus callosum
- association area
- endocrine system
- hormone
- heredity
- gene
- chromosome



**Across**

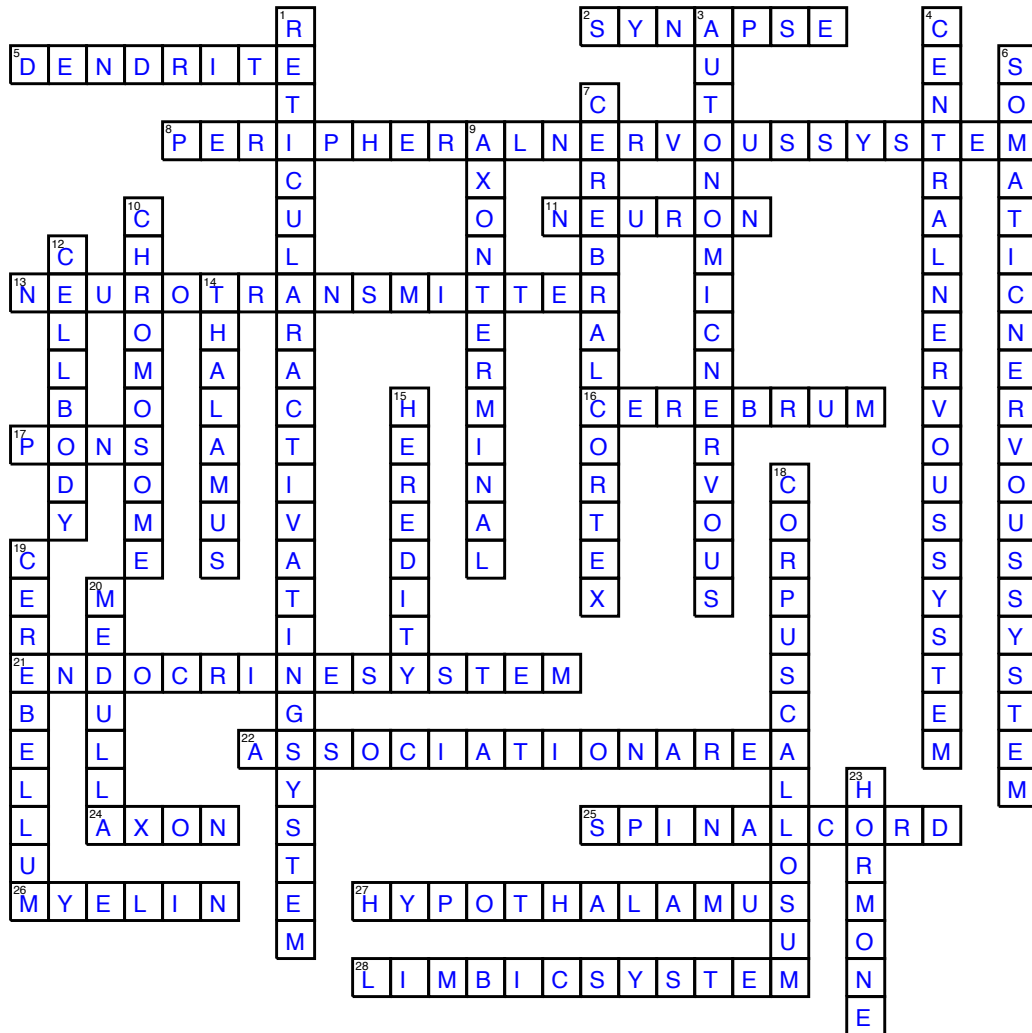
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# Key

Note: Choice of Crossword with or without word bank



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