

[Across]

2. Electrical activity measured in the brain.
3. The control center of a cell.
8. Parts of nerve cells that receive electrical signals.
10. The central nervous system includes the spinal cord and \_\_\_\_\_.
12. The main cell body of a neuron.
13. The thermostat for the body.
14. Glial cells.
16. Impulse sent between nervous system cells.
19. Part of the brain that includes the Medulla, Pons, and Midbrain.
20. This cell is part of the nervous system.

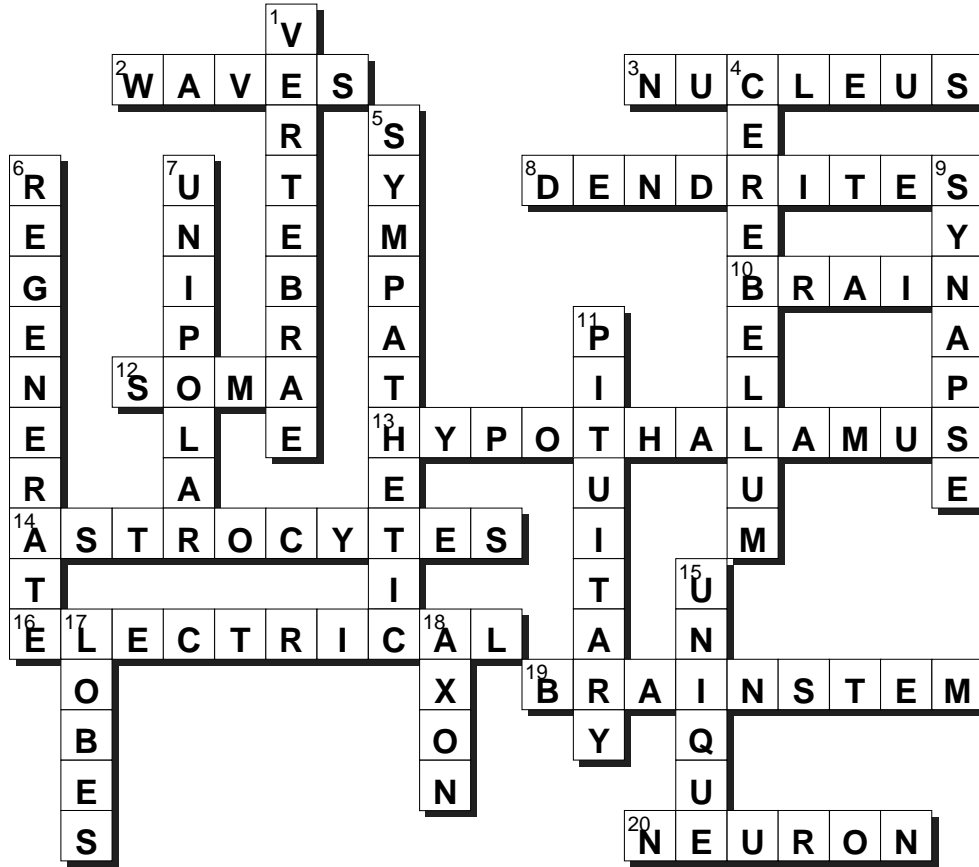
[Down]

1. Bones protecting the spinal cord.
4. This part of the brain is important for walking, running, and writing.
5. System controlling fight or flight reaction.
6. To regrow or renew old and damaged cells.
7. Sensory neurons.
9. Location where chemical or electrical signals are passed between cells.
11. Smallest part (gland) of the brain in control of growth.
15. One of a kind.
17. Regions of the brain.
18. Long part of nerve cells that send signals away from the cell.

Try our crossword puzzle based on one of our Web articles. You can learn more about this topic when you read the article *A Nervous Journey* Web address below.

(<http://askbiologist.asu.edu/explore/nervous-journey>)





[Across]

SOLUTION

[Down]

- 2. WAVES
- 3. NUCLEUS
- 8. DENDRITES
- 10. BRAIN
- 12. SOMA
- 13. HYPOTHALAMUS
- 14. ASTROCYTES
- 16. ELECTRICAL
- 17. LOBES
- 19. BRAINSTEM
- 20. NEURON



- 1. VERTEBRAE
- 4. CEREBELLUM
- 5. SYMPATHETIC
- 6. REGENERATE
- 7. UNIPOLAR
- 9. SYNAPSE
- 11. PITUITARY
- 15. UNIQUE
- 18. AXON

This solution above will let you see how well you did with the puzzle. Try some of the other puzzles at the *Ask A Biologist* website listed below.