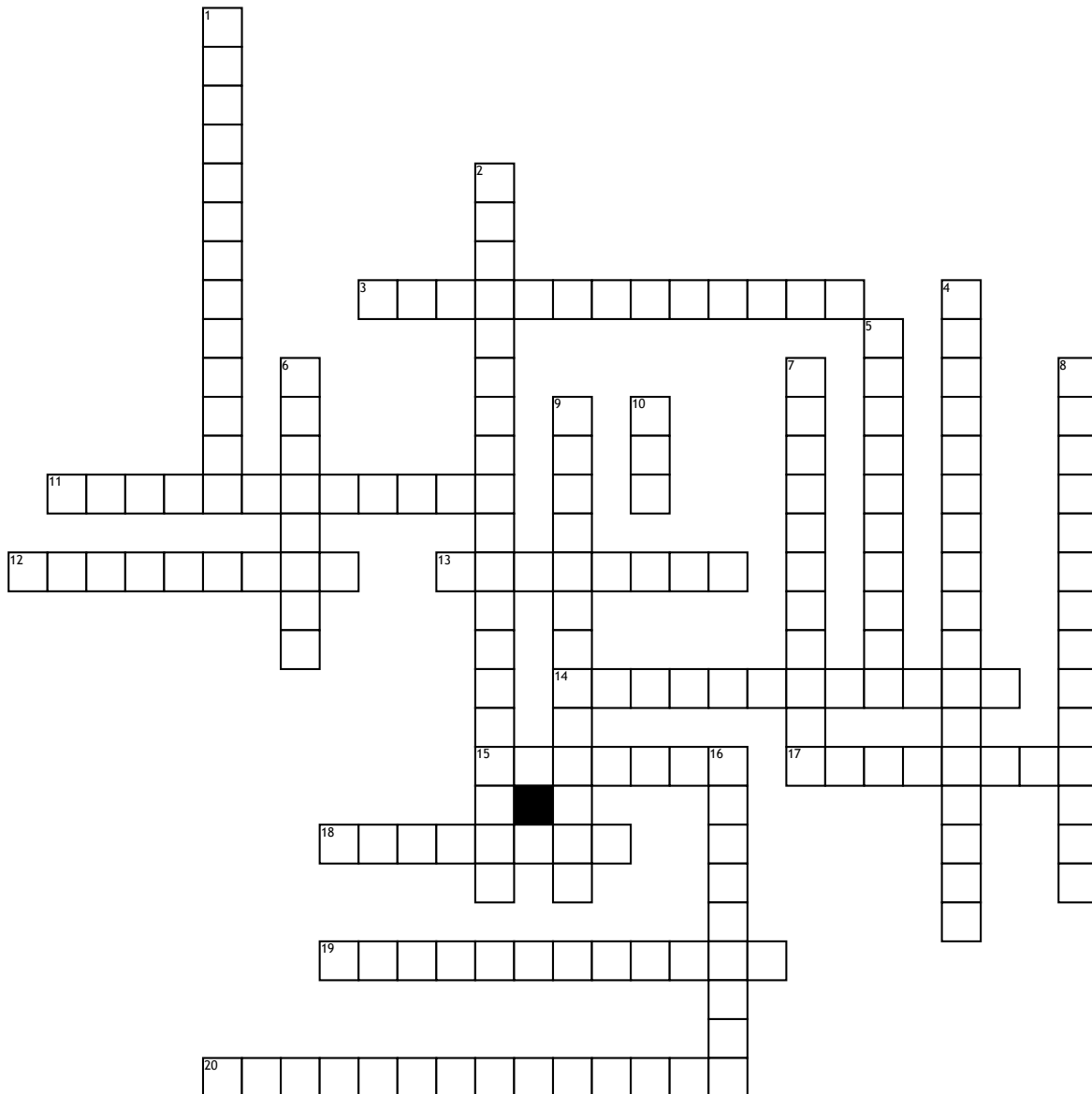


Response and Regulation Crossword Puzzle



Across

3. Space between the axon terminal of one neuron to the dendrite of the next
11. The neuron that connects motor and sensory neurons in neural pathways.
12. In an action potential, the resting membrane is _____.
13. The metabolic center of the neuron
14. Intermediate filaments important in maintaining cell shape
15. The organelle that is abundant in cell bodies. It manufactures proteins.

17. Motor signals are _____.
18. Hormone that causes liver to convert stored glycogen into glucose
19. The _____ is created by the Schwann cells
20. Protective cushion cells

Down

1. Space between the Schwann cells
2. Sensory receptor in the skin
4. A condition where myelin sheaths around fibers are gradually destroyed and become hardened. It causes the electrical current to be short-circuited.

5. A _____ neuron has one axon, a cell body, and dendrites.
6. Sensory signals are _____.
7. Hormone that increases heart rate, muscle strength, blood pressure, and sugar metabolism
8. Stimulus triggers local _____.
9. A _____ neuron has one axon and one dendrite on either side of a cell body.
10. Hormone that stimulates growth
16. Receive signals