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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

The Neuron

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|  |  | 1A |  | 2S |  E |  N |  S |  O |  R |  Y |  N |  E |  U |  R |  O |  N |  S |  |  |
|  |  |  L |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3N |  |  L |  |  |  |  |  |  |  |  | 4R |  |  |  |  |  |  |  | 5R |
|  E |  |  O |  | 6P |  O |  L |  A |  R |  I |  Z |  E |  D |  |  |  |  | 7A |  |  E |
|  U |  |  R |  |  |  |  |  |  |  |  |  F |  |  | 8M |  |  |  C |  |  S |
|  R |  |  N |  |  |  |  |  |  |  |  |  R |  |  |  O |  |  |  T |  |  T |
|  O |  |  O |  |  |  |  |  |  |  |  |  A |  |  |  T |  |  |  I |  |  I |
|  T |  |  T |  |  |  | 9T |  |  | 10M |  |  C |  |  |  O |  |  |  O |  |  N |
|  R |  |  H |  |  |  |  H |  |  |  Y |  |  T |  |  |  R |  |  |  N |  |  G |
|  A |  |  I |  |  |  |  R |  |  |  E |  |  O |  |  |  N |  |  |  P |  |  P |
|  N |  |  N |  |  | 11D |  E |  P |  O |  L |  A |  R |  I |  Z |  E |  D |  |  O |  |  O |
|  S |  |  G |  | 12D |  |  S |  |  |  I |  |  Y |  |  |  U |  |  |  T |  |  T |
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|  I |  |  E |  |  N |  |  O |  |  |  S |  |  E |  |  |  O |  |  |  N |  |  N |
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|  E |  |  O |  |  I |  |  |  |  | 13A |  X |  O |  N |  |  |  |  |  A |  |  A |
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|  |  |  E |  |  S |  |  |  |  |  | 14S |  Y |  N |  A |  P |  S |  E |  |  |  |

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| **Across****2.** Neurons that carry information coming to the brain and spinal cord**6.** Happens when Sodium is on the outside and Potassium is on the inside**11.** Sodium inside and Potassium on the outside**13.** This part of the Neuron passes messages from the cell body to glands, muscles or other Neurons **14.** The space between the axon tip of the sending Neuron and the dendrite of the receiving Neuron | **Down****1.** Do or don't there is no try**3.** The messenger between sending and receiving neurons, this crosses the synaptic gap between Neurons**4.** The period of time in which action cannot take place as a result of recent action**5.** When the Neuron is not sending a signal on the Axon**7.** an electrical current caused by depolarizing current. Neuron sending information away from the cell body**8.** The opposite of Sensory Neurons, this carries information from the brain and spinal cord to muscles and glands**9.** The stimulation level needed to trigger or cause a neural impulse**10.** Covers the Axon of the Neuron, accelerating neural impulses**12.** What part of the Neuron receives messages from other cells |