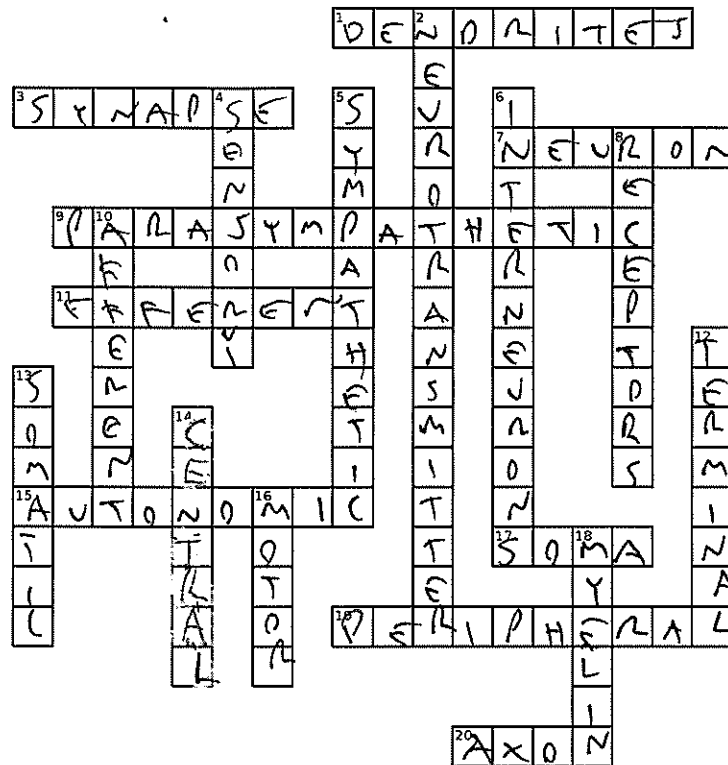


Neurons and the nervous system

psychvce



Across

- 1 the branched extensions of the neuron that receives electrochemical signals
- 3 the junction between two communicating neurons
- 7 an electrically excitable cell
- 9 this subdivision of the nervous system maintains homeostasis
- 11 a motor message that travels away from the brain
- 15 this subdivision of the nervous system regulate the activity of the body's internal organs
- 17 the cell body
- 19 this division of the nervous system contains all of the neurons outside of the central nervous system
- 20 conducts an action potential away from the cell body

Down

- 2 an electrochemical message
- 4 a type of neuron that conveys afferent signals
- 5 this subdivision of the nervous system increases the body's arousal when under threat
- 6 these neurons are only found in the central nervous system
- 8 are specialised structures found on dendrites that bind with correspondingly shaped neurotransmitters in a 'lock and key' fashion
- 10 a sensory message that travels towards the brain
- 12 the axon _____ stores neurotransmitters
- 13 this subdivision of the nervous system has both a sensory and a motor function.
- 14 this division of the nervous system initiates voluntary responses
- 16 a type of neuron that conveys efferent signals
- 18 the fatty substance that surrounds the axon and enhances neurotransmission