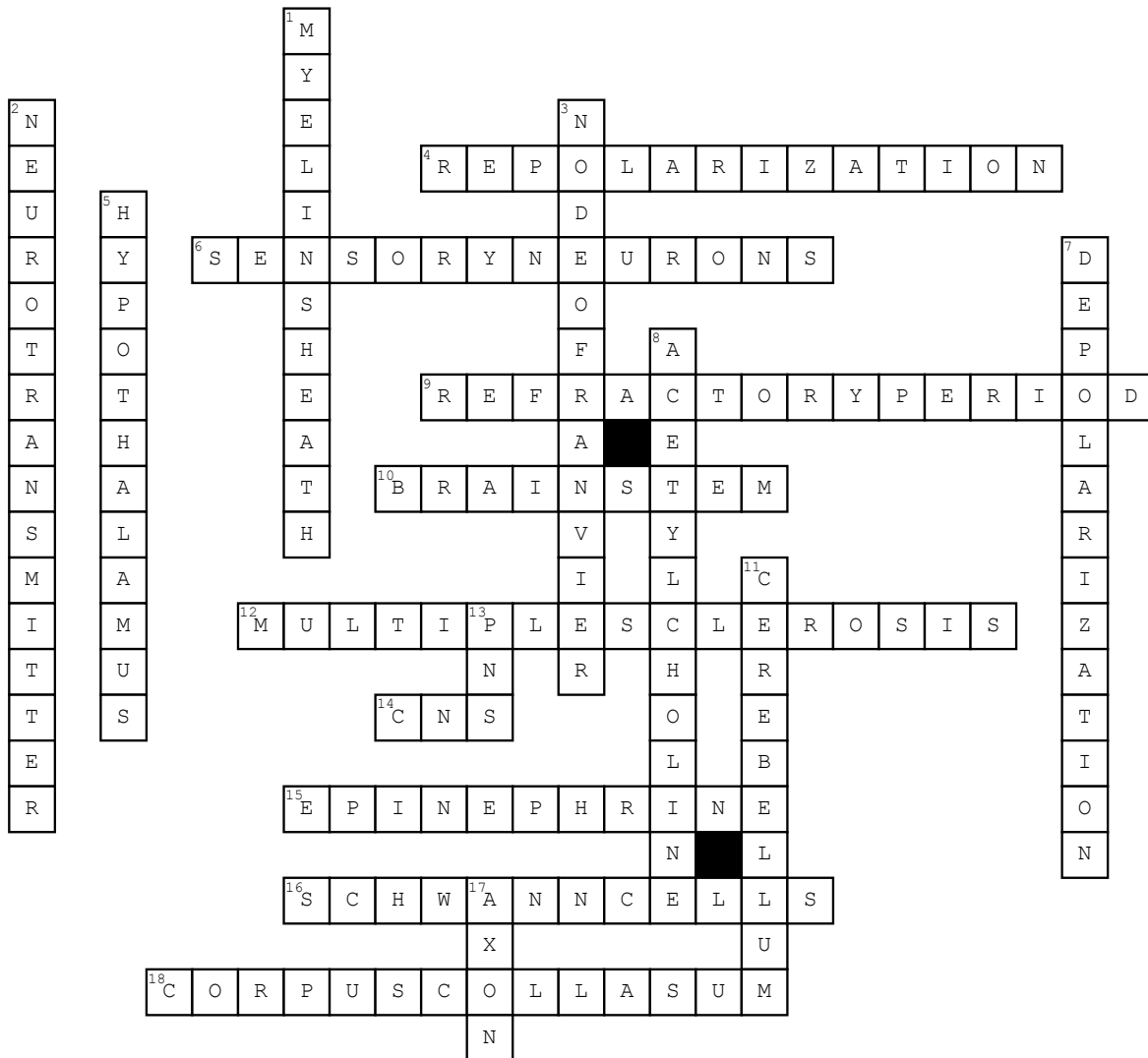


Nervous System



Across

4. Re-set in the membrane potential

6. Type of neuron that conducts signals from receptors to the central nervous system

9. "Downtime" after action potential; when a second action potential can't be initiated

10. Helps to transfer info. between PNS & midbrain

12. Disease where our immune system attacks the myelin sheath

14. Nervous system made up of the brain and spinal cord

15. Neurotransmitter responsible for the fight or flight response

16. Types of cells that make up the myelin sheath

18. Links left & right hemisphere of the brain

Down

1. lipid that insulates the axon

2. Chemical signal that moves through the synapse

3. Depolarized region on the axon

5. Important for homeostasis (regulates hunger, thirst, temp., biological clock)

7. Reduction in the magnitude of membrane potential

8. Neurotransmitter that transmits signal to skeletal muscles

11. Coordinates movement & balance

13. Nervous system made up of nerves and ganglia

17. Pathway where the action potential travels through