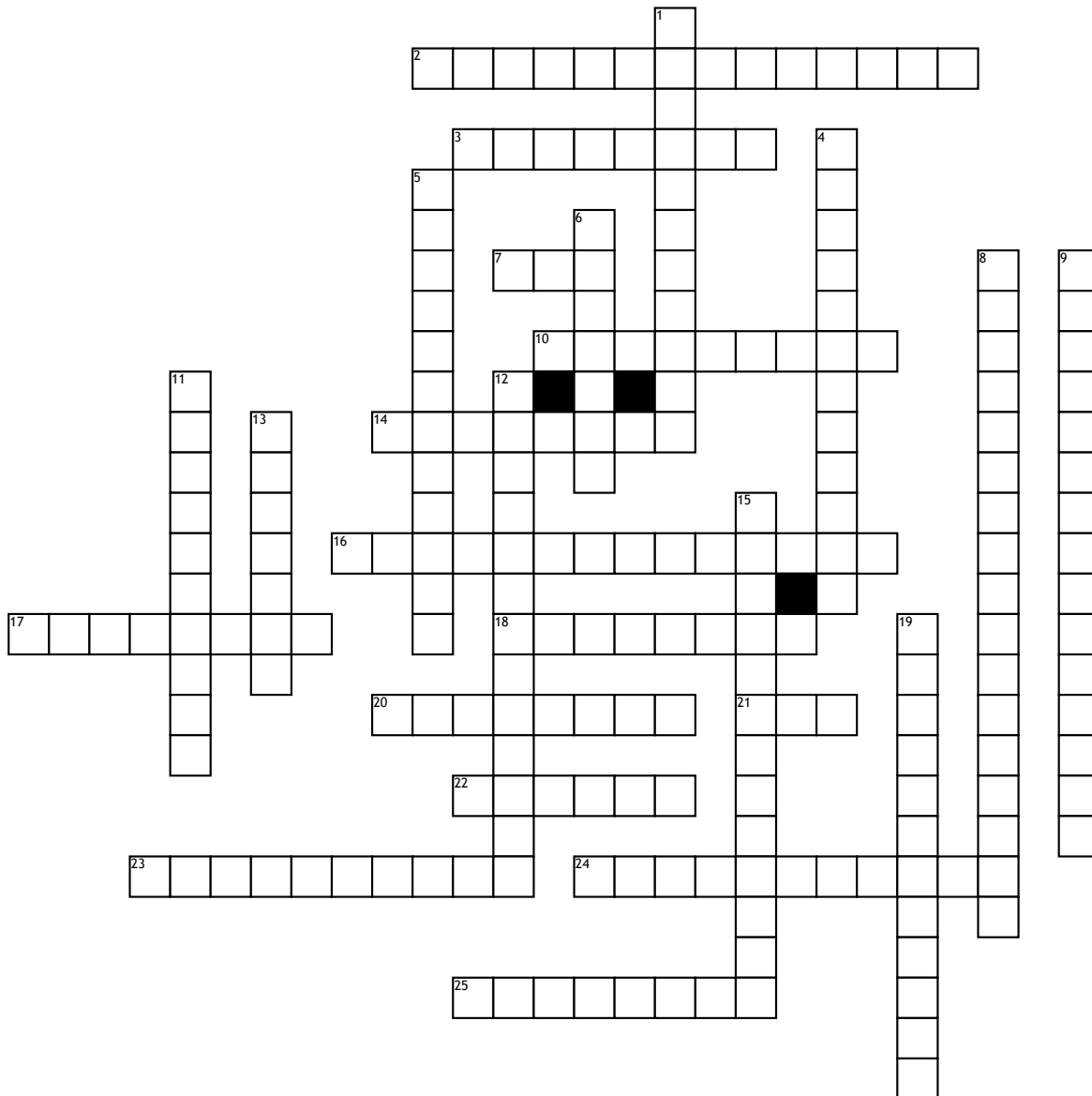


Endocrine system



Across

2. The messenger gland of the endocrine system
 3. Increase glucose levels in blood
 7. Increase calcium levels in blood
 10. Stimulates milk production only
 14. Hormones that are made of fatty acids
 16. Local hormones that do not enter the bloodstream
 17. Programs white blood cells for immunity
 18. Messenger molecules released by endocrine glands
 20. Steroids that respond to long term stressors

21. Retains water in the kidneys
 22. Releases sex hormones
 23. Associated with "fight-or-flight" response
 24. Release hormones that control sleep-wake cycles and several other processes
 25. Releases hormones that work together to control the level of glucose in the blood

Down

1. The type of cell on which a hormone has an effect
 4. Release hormones that increase the rate of metabolism in cells throughout the body

5. Determines male characteristics
 6. Increase metabolic rate in cells
 8. Releases hormones that help keep the level of calcium in the blood within a narrow range
 9. A system of glands that release chemical messenger molecules
 11. Decrease calcium levels in blood
 12. Hypersecretion causes gigantism/ acromegaly and hyposecretion causes dwarfism
 13. Decrease glucose levels in blood
 15. Releases fight-or-flight hormones
 19. Provides a direct link between the nervous and endocrine systems