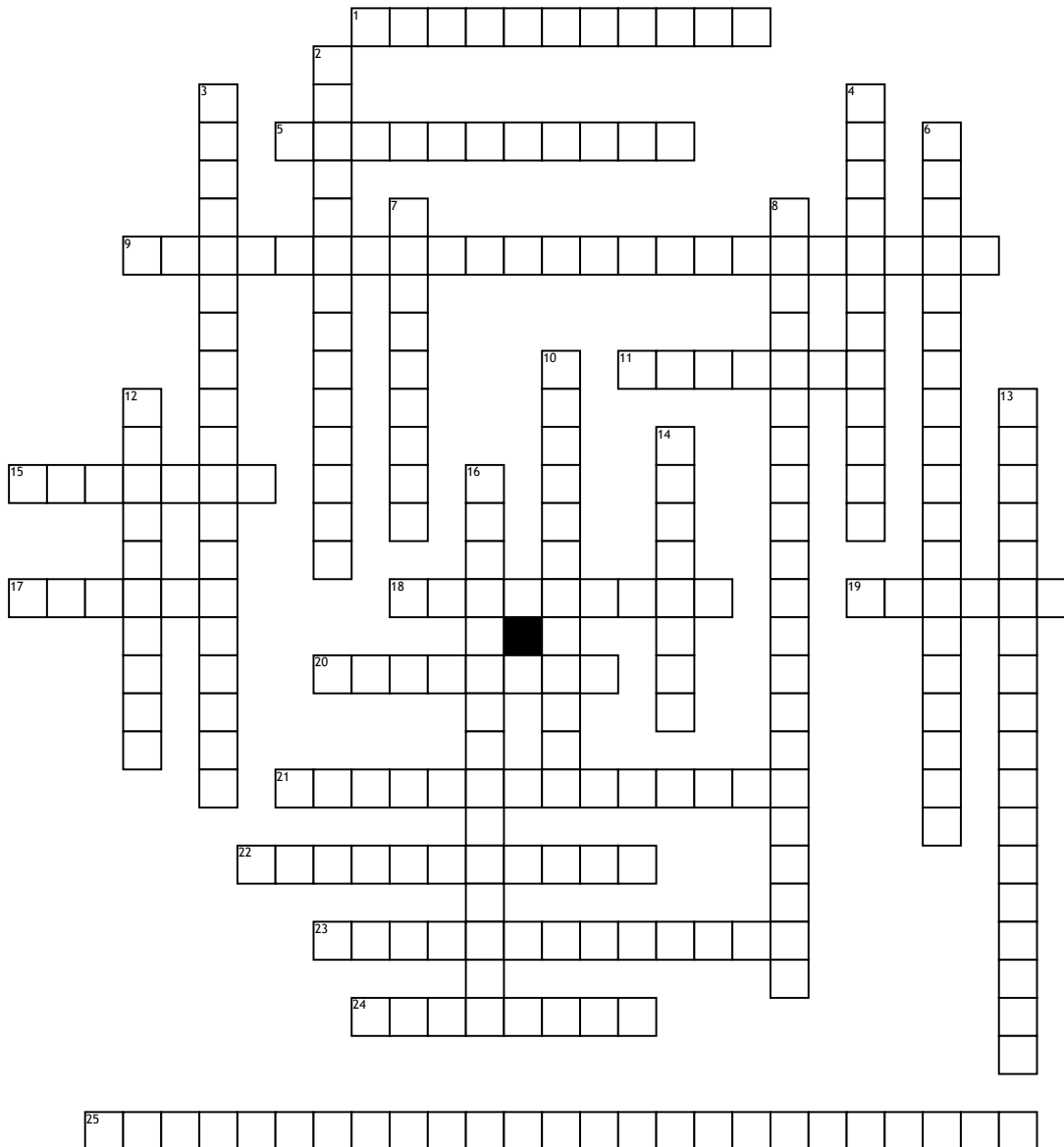


TIC-TAC-TOE



Across

1. a cell/organ that responds to a hormone specific protein receptors must be present on its plasma membrane
5. regulates hormonal activity in gonads
9. includes proteins, peptides, and amines
11. (kidneys) "fight or flight" and secretes hormones for coping with stress
15. 2 hormones that are secreted into blood (neck)
17. (brain) produces and secretes melatonin, helps regulate biological rhythms
18. (PRL) known to target breast, similar to GH
19. produced and secreted by anterior pituitary

20. (behind stomach) produces enzymes that are released into small intestine to help with digestion
21. secretes hormones directly into bloodstream
22. regulates calcium behind thyroid gland in neck
23. (GH) regulates growth
24. chemical substance produced in the body, controls and regulates the activity of cells or organs
25. regulating blood levels of nearly all hormones

Down

2. local hormones made from highly active lipids found in cell plasma membranes
3. stimulates development of follicle in ovaries and sperm development

4. produces several hormones, training, and development
6. (ACTH) regulates endocrine activity
7. produces hormones that control other glands
8. signaling molecules released by the cell in response to extracellular signal (physiological changes)
10. controls pituitary gland and regulates homeostasis
12. due to production of too much GH
13. (TSH) influences growth and activity of thyroid glands
14. made from cholesterol (sex hormones and hormones produced by adrenal cortex)
16. chemical messenger system consisting of hormones