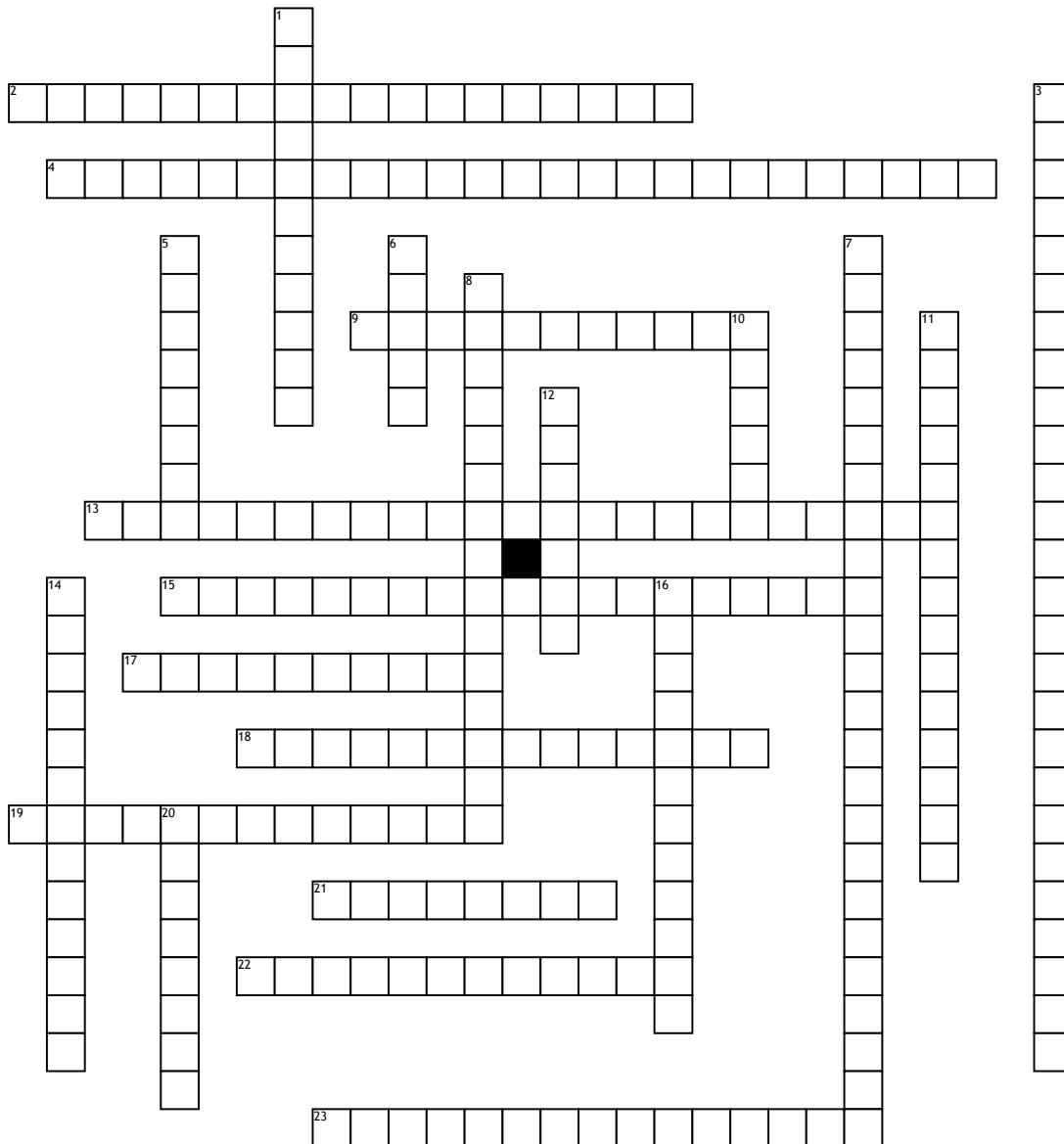


The Endocrine System



Across

- 2. Stimulates release of energy rich compounds. Example is cortisol.
- 4. What hormones in female release estrogen, in males sperm production.
- 9. Adrenal Gland will release _____ in response to stimulation by SNS.
- 13. Composed of neural tissue in the hypothalamus.
- 15. Promotes reabsorption of water by kidney.
- 17. The Nervous System uses primarily _____ signals.
- 18. Secrete substances into hollow organs or onto surfaces and have DUCTS.
- 19. "Butterfly" shaped gland located below voice box and regulates energy and metabolism.

- 21. What part of endocrine secretes hormone insulin if glucose levels in blood increase?
 - 22. Pituitary gland connected to the Hypothalamus by a stalk called _____.
 - 23. Lipid hormone that are bound to Carrier Protein that "drags" along with it.
- Down**
- 1. Cell at which a hormone has its effect.
 - 3. The hypothalamus of the brain and the pituitary gland form complex system called _____.
 - 5. A chemical messenger released by cell into circulation that has an effect elsewhere in the body.
 - 6. Glucagon is produced by what kind of cells?

- 7. Hormones are usually released by what types of cell?
- 8. Secretes hormones into interstitial fluid and contains No Ducts.
- 10. Function of the Endocrine System that regulates the production of _____.
- 11. Soluble hormones that are dissolve readily into blood.
- 12. What hormone LOWERS blood glucose concentration.
- 14. What hormone is released in response to increase growth levels in blood?
- 16. Function of the Endocrine system that coordinates activities of what?
- 20. Induction of labor and stimulates milk ejection.