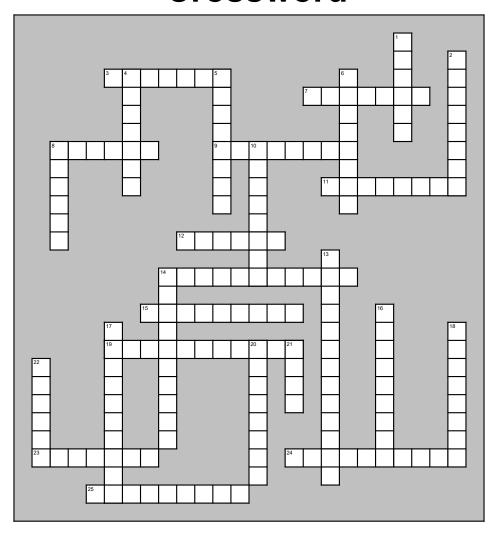
Crossword



Across

- 3. Heart muscle; involuntary. Striated.
- System that removes waste products from the blood (urine) to regulate pH & water balance.
- Part of bone that produces blood cells, platelets, fat, and cartilage.
- Germ layer for heart, kidneys, bones, cartilage, muscles, blood cells & vessels.
- 11. Germ layer for the linings of the respiratory and digestive tracts, liver, pancreas, and bladder.
- 12. Ball & socket, hinge, gliding, saddle, and pivot.
- 14. System that delivers oxygen and nutrients to body cells and carries waste to the kidneys.
- 15. System that secretes hormones to regulate body functions.
- The active maintenance of a steady state within the body relating to pH, temperature, and physiological functions due to external factors.
- 23. Tissue that allows communication with other tissues through electrical signals.
- Tissue covering surfaces of the body and internal organs and cavities.
- 25. System (along with immune) that protects the body from "foreign" invaders like infection and cancer.

<u>Down</u>

- 1. Composed of dendrites, axons, and cell body.
- Germ layer for brain, spinal cord, nerves, skin, nails, hair.
- 4. Study of structure.
- 5. Tall epithelial cells in many organs of the body.
- 6. Bone to bone connective tissue.
- 8. Tissue including skeletal, smooth, and cardiac.
- 10. Voluntary muscles anchored by tendons, affecting movement and posture.
- 13. Term for germ layers in humans (ectoderm, mesoderm, endoderm).
- 14. Tissue that binds and supports other tissues: loose, fibrous, bone, blood, adipose, and cartilage.
- 16. System that ingests and breaks down food, absorbs nutrients, and eliminates waste.
- 17. Study of Function.
- 18. "Smooth" muscle; weakest; found inside organs. Involuntary.
- 20. Epithelial cells that form the lining of many organs; facing the open space (cavity).
- Protects internal organs, regulates body temperature, and excretes liquid waste (sweat). Epidermis, dermis, fat layer.
- 22. Bone to muscle connective tissue.