



### Across

- 2. Single layer of cells, very thin
- 5. Stem cell for all blood cells
- 7. The substance found between cells that provides support and nourishment
- 9. The study of body parts (form)
- 10. Neuro-
- 13. Flat, pancake shaped cells
- 15. State of chemical equilibrium that is maintained by the body
- 20. Spectrum between the most and least concentrated regions
- 21. Myo-
- 22. Structures derived from a common evolutionary ancestor
- 26. Cells that are taller than they are wide
- 27. A protein that helps waterproof cells
- 28. The output of a system AMPLIFIES the system. \_\_\_\_\_ feedback

### Down

- 1. Passive movement of ions across a concentration gradient (from areas of high to low)
- 3. Cells that are as tall as they are wide
- 4. Osteo-
- 6. Thin, protective layers that line body cavities, separate organs, and cover surfaces
- 8. Unstructured material filling the space between cells within connective tissue
- 11. Endo-
- 12. The study of the function of the body (function)
- 13. As a structure becomes more \_\_\_\_\_, its quantity decreases.
- 14. The output of a system INHIBITS the system. \_\_\_\_\_ feedback
- 16. Stem cell for all connective tissue
- 17. Loops Biological occurrence wherein the output of a system will amplify or inhibit the system
- 18. Exo-
- 19. \_\_\_\_\_ are chemical messengers.
- 23. Interior cavity of an organ or vessel
- 24. -ology
- 25. 2+ layers of cells