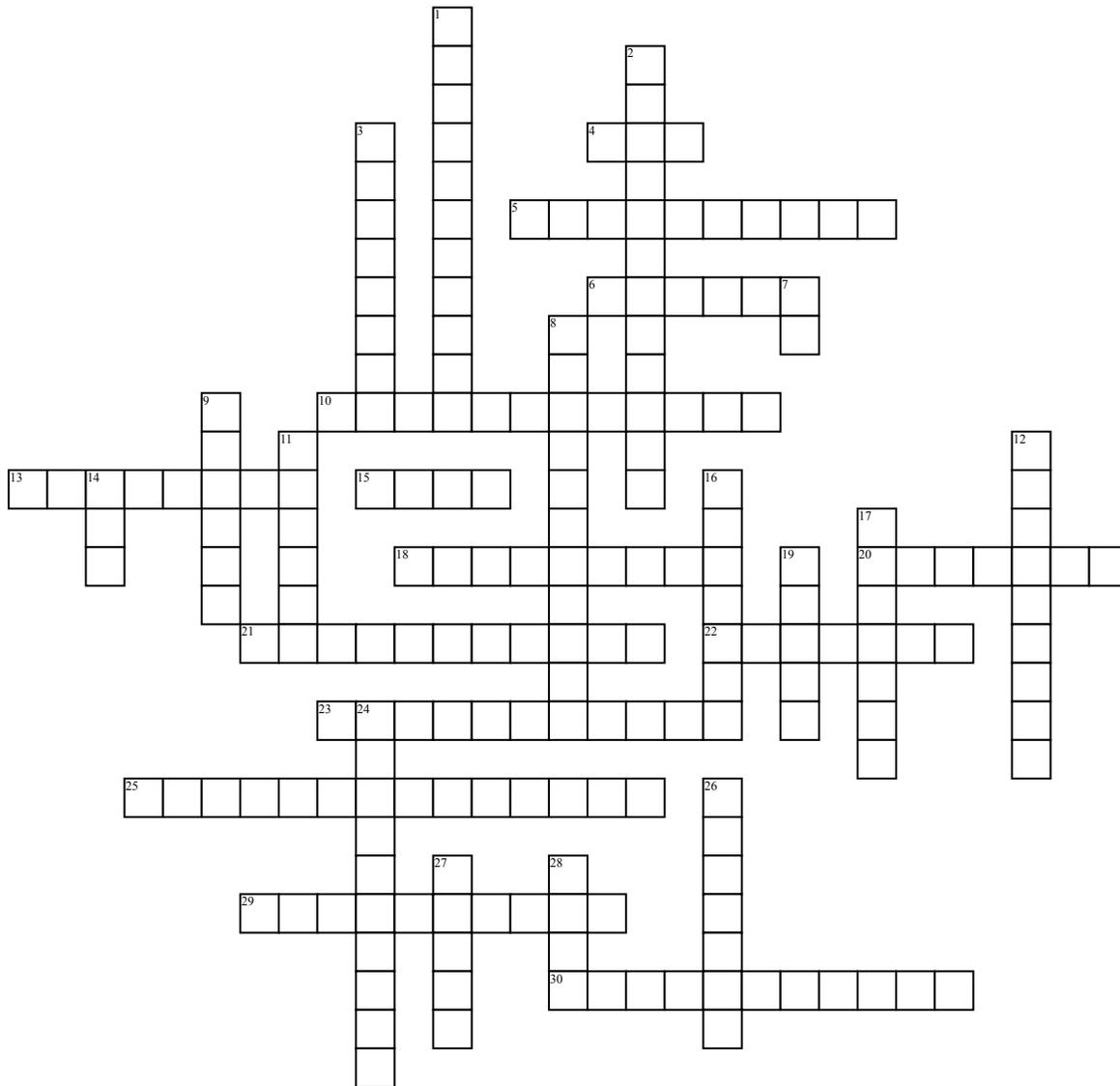


# Biology Review



## Across

4. Adenine triphosphate, molecule that can be broken to produce energy  
 5. Cells expel materials  
 6. The substance being dissolved in a mixture  
 10. The border around the cell, also referred to as the plasma membrane  
 13. Long whip-like structures used for movement in some cells  
 15. Found the vaccine for polio  
 18. Lower concentration of a substance in relation to a cell or a membrane  
 20. The substance dissolving another substance in a mixture  
 21. Cells absorb materials  
 22. Study of animals and their interactions with their environment

23. Structures in the nucleus that consist of DNA wrapped around a protein  
 25. The package center of the cell, packages things for coming into and out of the cell  
 29. Occur only in animal cells, they organize the microtubules of the cytoplasm  
 30. Where two things are equal

## Down

1. Pigment used in light absorption in plant cells  
 2. Power house of cell, place aerobic respiration  
 3. Digest cell waste, used in white blood cells to digest viruses  
 7. The highway of the cell, transports materials around cells  
 8. Maintaining a certain balance within a cell or an organism  
 9. Single part of a gene

11. Scientist that is credited for the theory of natural selection and evolution  
 12. Ethical side of cloning and other biological technologies such as gene therapy  
 14. Adenine diphosphate, molecule that can be broken to produce energy, though not as much as ATP  
 16. The "brain" of the cell, it controls that cells function, this is where DNA is stored  
 17. Diffusion of water  
 19. First person to observe cells, he looked at cork and gave name to cells  
 24. Higher concentration of a substance in relation to a cell or a membrane  
 26. Storage sac for plant cells  
 27. Short hairlike structures present in bundles on some cells  
 28. Pieces of DNA that helps to determine a characteristic