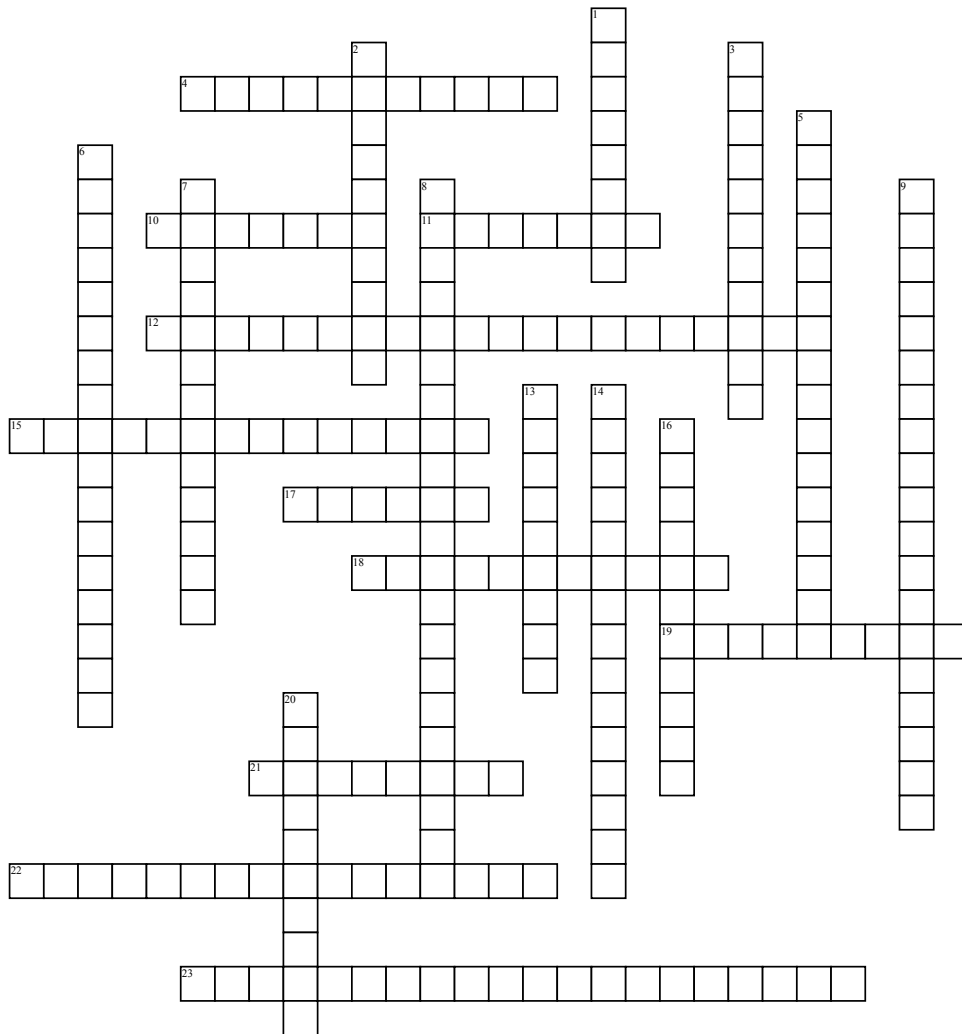


# Biology Crossword



## Across

4. the taking in of matter by a living cell by invagination of its membrane to form a vacuole.

10. able to dissolve other substances.

11. a process by which molecules of a solvent tend to pass through a semipermeable membrane from a less concentrated solution into a more concentrated one, thus equalizing the concentrations on each side of the membrane.

12. a membrane allows the passage of some molecules or ions and inhibits the passage of others.

15. the force within the cell that pushes the plasma membrane against the cell wall.

17. the minor component in a solution

18. a sterol type substance that is present in most tissues of the body.

19. having a lower osmotic pressure than a particular fluid

21. a special type of homogeneous mixture composed of two or more substances.

22. proteins that transport substances across biological membranes.

23. the passive movement of molecules along the concentration gradient.

## Down

1. equal amounts of solute molecules

2. having a higher osmotic pressure than a particular fluid

3. tending to repel or fail to mix with water

5. a movement of ions and other atomic or molecular substances across cell membranes without need of energy input.

6. a community of molecules composed of different monosaccharide forms that are connected by glycoside bonds.

7. the abundance of a constituent divided by the total volume of a mixture.

8. the gradual difference in concentration of a dissolved substance in a solution between a region of high density and one of lower density.

9. a special form of lipid molecule which is mainly the major constituent of the cell Membrane.

13. a net movement of particles or molecules

14. the passage of ions or molecules through an area of higher concentration through a cell membrane.

16. having a tendency to mix with, dissolve in, or be wetted by water

20. a process by which the contents of a cell vacuole are released to the exterior through fusion of the vacuole membrane with the cell membrane.

## Word Bank

hypertonic

isotonic

solution

carbohydrate chain

transport protein

passive transport

exocytosis

turgor pressure

cholesterol

facilitated diffusion

concentration gradient

solute

phospholipid bilayer

hydrophobic

active transport

endocytosis

hypotonic

hydrophilic

selectively permeable

diffusion

concentration

solvent

osmosis