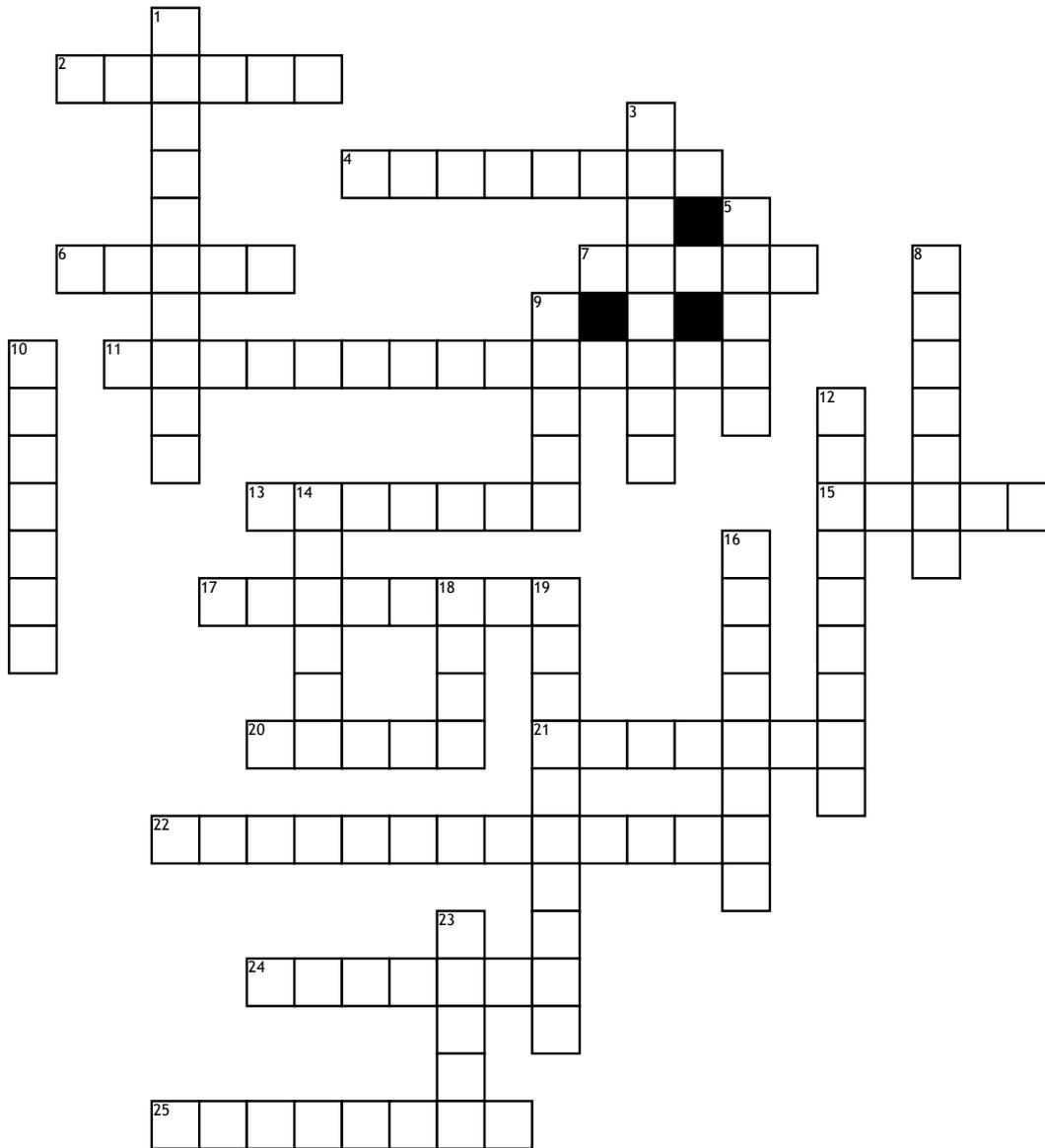


Name: \_\_\_\_\_

# Biomed Crossword Puzzle



## Across

2. **CHEMICALBOND** An attractive force that holds together the  
4. **SOLUTE** A substance that is dissolved in a  
6. **HYDROPHILIC** Having an affinity for  
7. **GLUCOSE** A monomer of carbohydrate, simple  
11. **CARBOHYDRATE** A sugar in the form of a monosaccharide, disaccharide or  
13. **MONOMER** The sub unit that serves as the building block of a  
15. **MOLECULE** Two or more atoms held together by covalent  
17. **CHEMICALREACTION** Chemical transformation or change; the interaction of chemical  
20. **ELEMENT** The smallest particle of a substance is composed of one or more

21. The dissolving agent of a solution. Water is the most versatile solvent known.  
22. **OSMOSIS** The movement of water across an area of higher concentration to an area of lower  
24. A measure of the amount of hydrogen ions in solution.  
25. **NUTRIENT** A substance found in food that provides needed resources for cellular

## Down

1. **HOMEOSTASIS** The maintenance of relatively stable internal physiological  
3. **ISOTONIC** Having the same solute concentration as another  
5. **LIPID** One of a family of compounds including fats, phospholipids, and steroids that is insoluble in

8. **ATOM** The smallest particle of an  
9. **HYDROLYSIS** A chemical process that splits a molecule by adding  
10. **COVALENTBOND** A type of strong chemical bond in which two atoms share one or more pairs of  
12. A substance acted upon by an enzyme.  
14. **POSITIVE FEEDBACK** Feedback that tends to magnify a process or increase its  
16. **AMINOACID** An organic monomer which serves as a building block of  
18. **IONICBOND** A chemical bond resulting from the attraction between oppositely charged  
19. **SOLUTION** A liquid that is a homogeneous mixture of two or more  
23. **COMPOUND** A substance consisting of two or more elements in a fixed