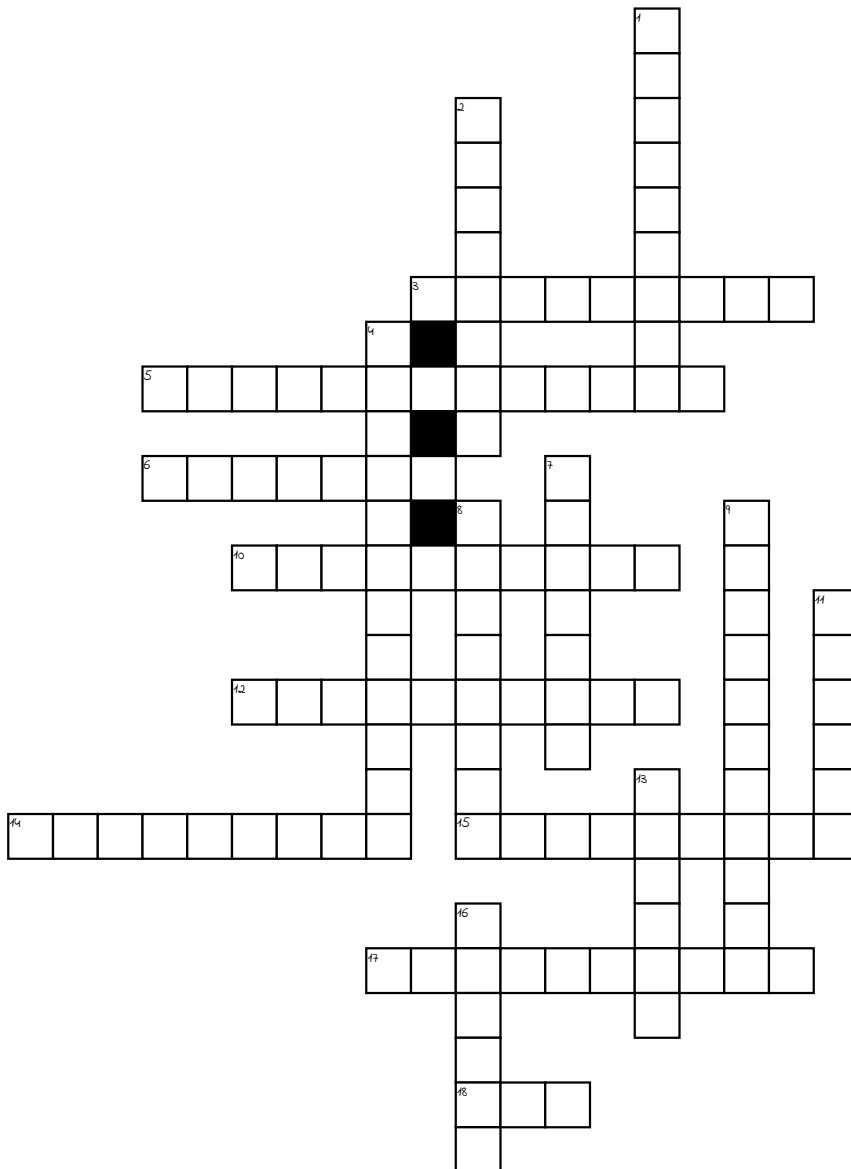


Biochemistry Crossword Puzzle



Across

3. Fat molecules that serve as messengers, controlling, and coordinating activities throughout the body.
5. One of the four major types of biomolecules, made up of elements CHO, and are sometimes referred to as saccharides.
6. The most important monosaccharide, also known as a simple sugar.
10. Another name for carbohydrate and sugar-
12. Refers to the specific area where the enzyme and substrate meet creating a chemical reaction-
14. Monomer of lipid, can be saturated or unsaturated.

15. The substance the enzyme acts on-

17. The building block of proteins-

18. Contains our unique genetic code, like a recipe book it holds the instructions for making all the proteins in our bodies.

Down

1. The main component found in plant cell walls, responsible for giving plants their shape, and cannot be digested by humans-
2. The fat that makes hormones-
4. Molecules with hydrophilic phosphate heads and hydrophobic lipid tails their main function is to make cell and organelle membranes-
7. External skeleton of insects and mushrooms-

8. One of the four major types of biomolecules, polymers of amino acids that major functions include fighting infections, building cells and tissues, and using enzymes as biological catalyst.

9. One of the four major types of biomolecules, substance found in the nucleus of living cells, made up of elements CHONP, DNA and RNA are types of-

11. Proteins that act as catalysts in order to speed up chemical reactions.

13. Long chains of glucose that stores energy for plants-

16. One of the four major types of biomolecules, they do not dissolve in water, and main functions include energy storage, hormones, and cell membranes.