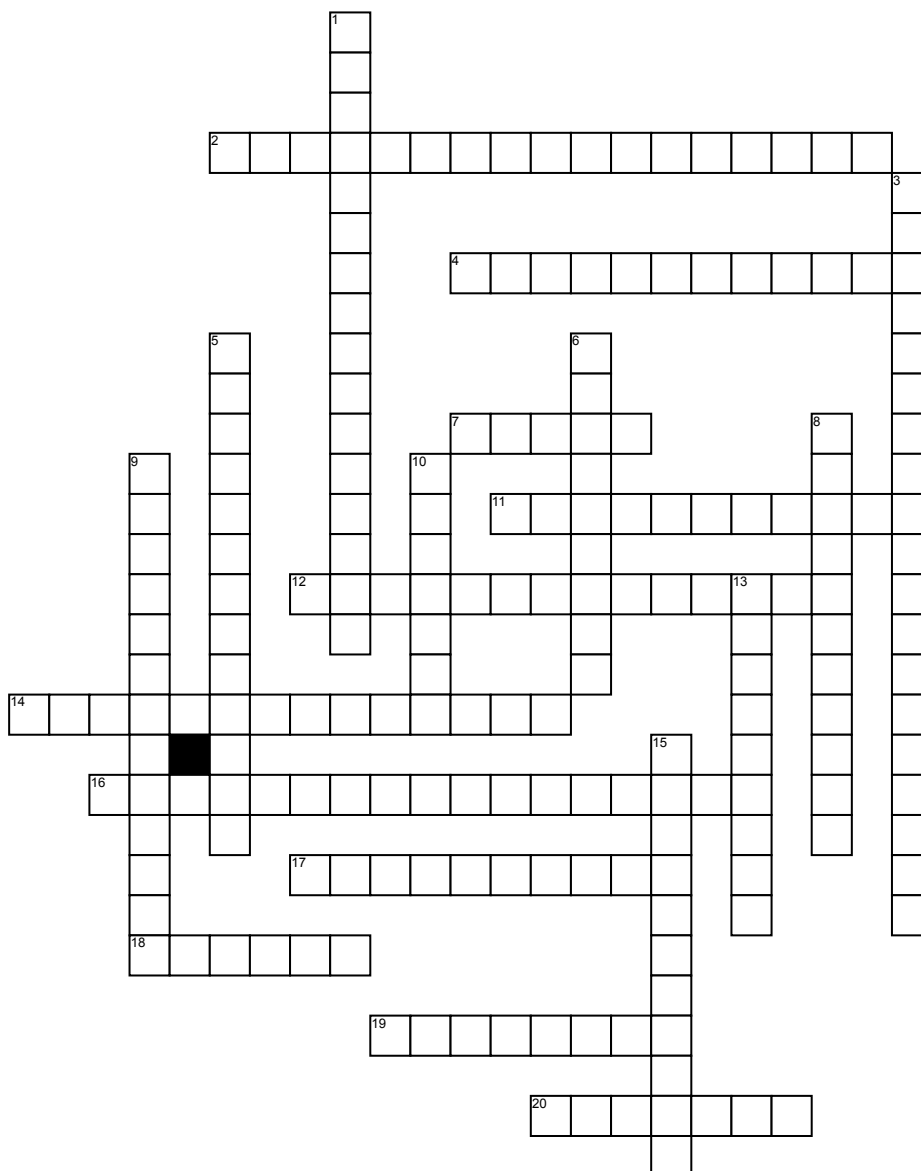


# Biomolecule Menu



## Across

2. the group in an experiment that receives the variable being tested.

4. a lipid containing a phosphate group in its molecule

7. any of a class of organic compounds that are fatty acids or their derivatives and are insoluble in water but soluble in organic solvents

11. a molecule that is produced by a living organism

12. a carbohydrate (e.g. starch, cellulose, or glycogen) whose molecules consist of a number of sugar molecules bonded together

14. any of the class of sugars (e.g., glucose) that cannot be hydrolyzed to give a simpler sugar.

16. a variable (often denoted by y ) whose value depends on that of another.

17. a compound consisting of a nucleoside linked to a phosphate group

18. a substance produced by a living organism which acts as a catalyst to bring about a specific biochemical reaction.

19. the part that doesn't change during the experiment.

20. a molecule that can be bonded to other identical molecules to form a polymer.

## Down

1. a method of procedure that has characterized natural science since the 17th century, consisting in systematic observation, measurement, and experiment, and the formulation, testing, and modification of hypotheses.

3. a variable (often denoted by x ) whose variation does not depend on that of another

5. any of a large group of organic compounds occurring in foods and living tissues and including sugars, starch, and cellulose.

6. a simple organic compound containing both a carboxyl ( $\text{—COOH}$ ) and an amino ( $\text{—NH}_2$ ) group.

8. a complex organic substance present in living cells, especially DNA or RNA, whose molecules consist of many nucleotides linked in a long chain.

9. a molecule containing a very large number of atoms, such as a protein, nucleic acid, or synthetic polymer

10. a substance that has a molecular structure consisting chiefly or entirely of a large number of similar units bonded together, e.g., many synthetic organic materials used as plastics and resins.

13. a conclusion reached on the basis of evidence and reasoning

15. the action or process of observing something or someone carefully or in order to gain information