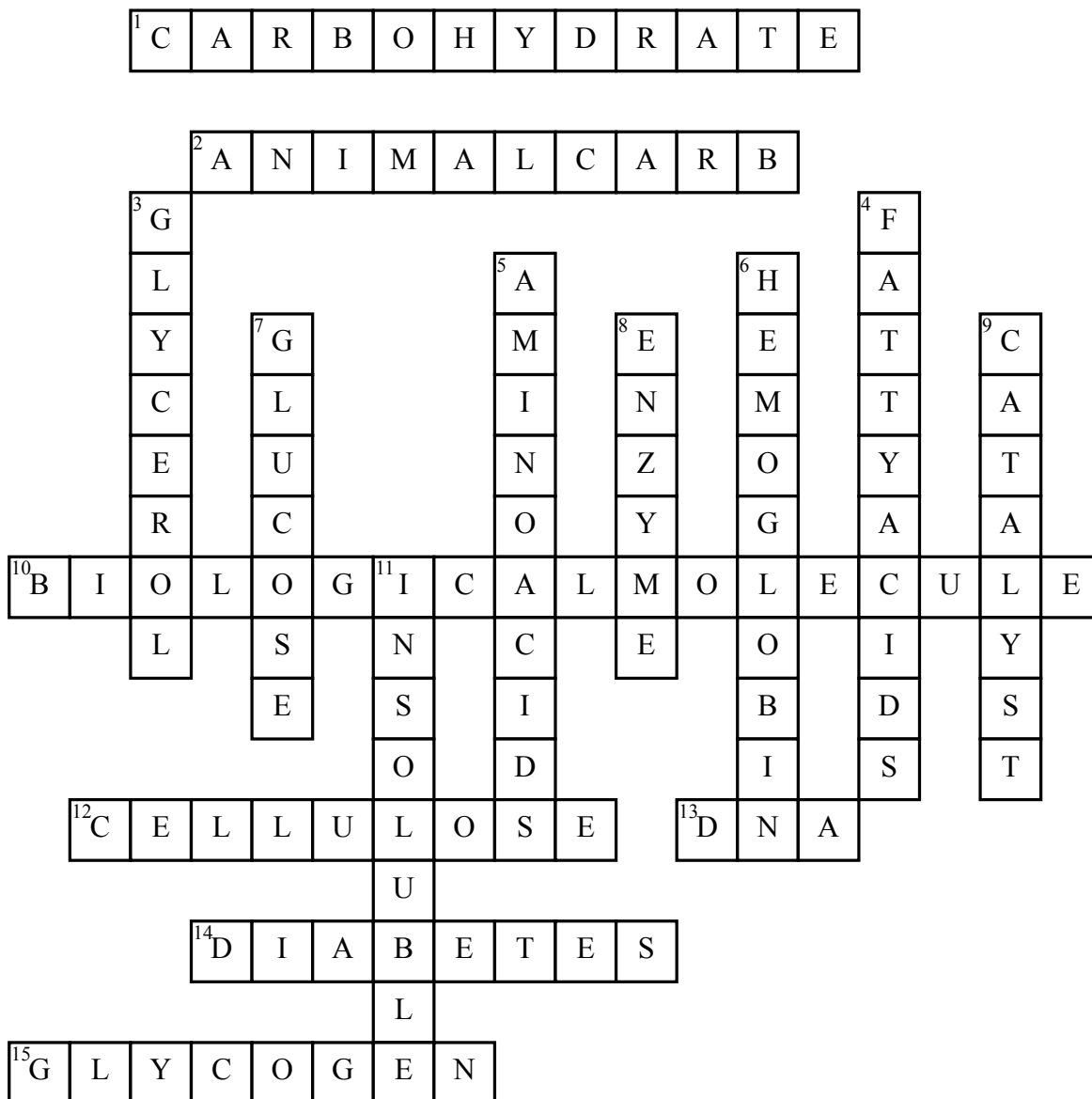


Biology



Across

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

2. What is the organic compounds consisting of carbon, hydrogen, and oxygen

10. any molecule that is present in living organisms

12. an insoluble substance that is the main constituent of plant cell walls and of vegetable fibers

13. deoxyribonucleic acid, a self-replicating material present in nearly all living organisms as the main constituent of chromosomes

14. a metabolic disease in which the body's inability to produce any or enough insulin causes elevated levels of glucose in the blood.

15. A branched polymer of glucose that is mainly produced in liver and muscle cells, and functions as secondary long-term energy storage in animal cells.

Down

3. main type of sugar in the blood and is the major source of energy for the body's cells.

4. a carboxylic acid consisting of a hydrocarbon chain and a terminal carboxyl group, especially any of those occurring as esters in fats and oils.

5. What organic compounds contain amine and carboxylic acid functional groups?

6. contained in the red blood cells of vertebrates and gives these cells their characteristic color.

7. The main type of sugar in the blood and is the major source of energy for the body's cells.

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

9. a substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change.

11. pertaining to something that cannot be dissolved, or solved