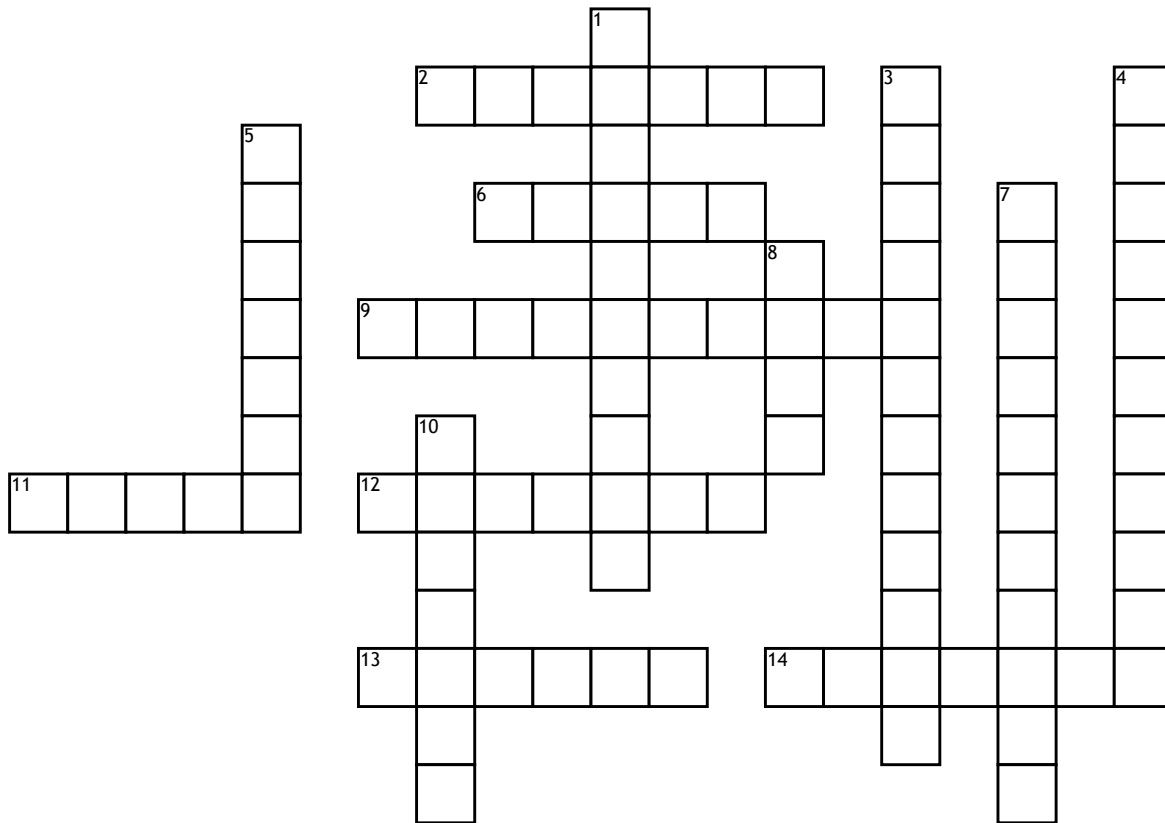


Name: \_\_\_\_\_

# Sickle Cell Anemia



## Across

2. a disordered or incorrectly functioning organ, part, structure, or system of the body resulting from the effect of genetic or developmental errors, infection, poisons, nutritional deficiency or imbalance, toxicity, or unfavorable environmental factors; illness; sickness; ailment
6. the fluid that circulates in the principal vascular system of human beings and other vertebrates
9. a chronic hereditary blood disease

11. a distinguishing characteristic or quality, especially of one's personal nature
12. a person or thing that carries
13. deficiency of the hemoglobin
14. specialized forms as collagen for supportive tissue, hemoglobin for transport, antibodies for immune defense, and enzymes for metabolism

## Down

1. the oxygen-carrying pigment of red blood cells that gives them their red color and serves to convey oxygen to the tissues

3. something that introduces, usually unexpectedly, some difficulty, problem, change, etc
4. The polypeptide chain of hemoglobin that is designated alpha.
5. to receive (a genetic character) by the transmission of hereditary factors.
7. Minor problem
8. the basic physical unit of heredity
10. Father and mother