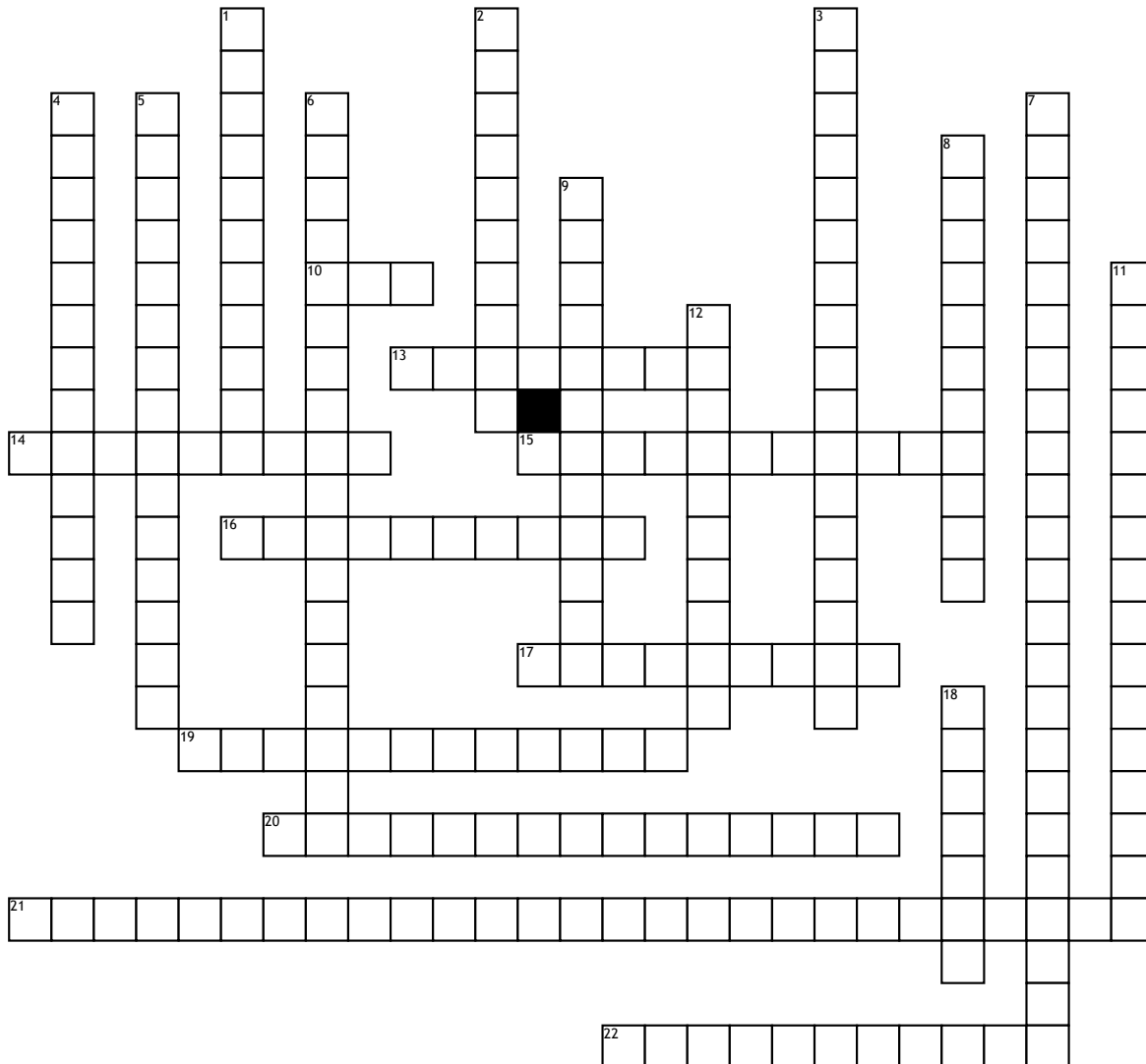


Name: _____

Date: _____

Immune System



Across

10. a bloodborne infection in which the virus damages or kills the T cells of the immune system

13. a general term applied to malignancies affecting lymphoid tissues

14. describes the function of destroying worn-out erythrocytes (RBC) and releasing their hemoglobin for reuse

15. produced in response to the presence of antigens, particularly viruses or tumor cells; they activate the immune system, fight viruses, and signal other cells to increase their defenses

16. the process by which cancer is spread to a new site; may refer to the tumor itself

17. becoming progressively worse and life-threatening

19. an acute viral infection characterized by painful skin eruptions that follow the underlying route of the inflamed nerve

20. any disease process affecting a lymph node or nodes

21. breast cancer that starts in the milk duct, breaks through the wall of that duct, and invades the surrounding fatty breast tissue; also known as invasive ductal carcinoma

22. one of three types of cells that are formed in bone marrow as stem cells that act as specialized antibodies

Down

1. a radiographic examination of the breasts to detect the presence of tumors or precancerous cells

2. swelling due to an abnormal accumulation of lymph fluid within the tissues

3. a substance that prevents or reduces the body's normal immune response

4. a treatment of disease by either stimulating or repressing the immune response

5. bind with specific antigens in the antigen-antibody response

6. a diagnostic test to detect damage or malformation of the lymphatic vessels

7. an infection caused by the Epstein-Barr virus (EBV) that is characterized by fever, a sore throat, and enlarged lymph nodes

8. to spread from one place to another

9. a benign tumor formed by an abnormal collection of lymphatic vessels due to a congenital malformation of the lymphatic system

11. a malignancy of the lymphatic system that is distinguished from non-Hodgkin's lymphoma by the presence of large, cancerous lymphocytes

12. a type of leukocyte that surrounds and kills invading cells

18. a disease caused by a parasite that lives in certain mosquitoes and is transferred to humans by the bite of an infected mosquito