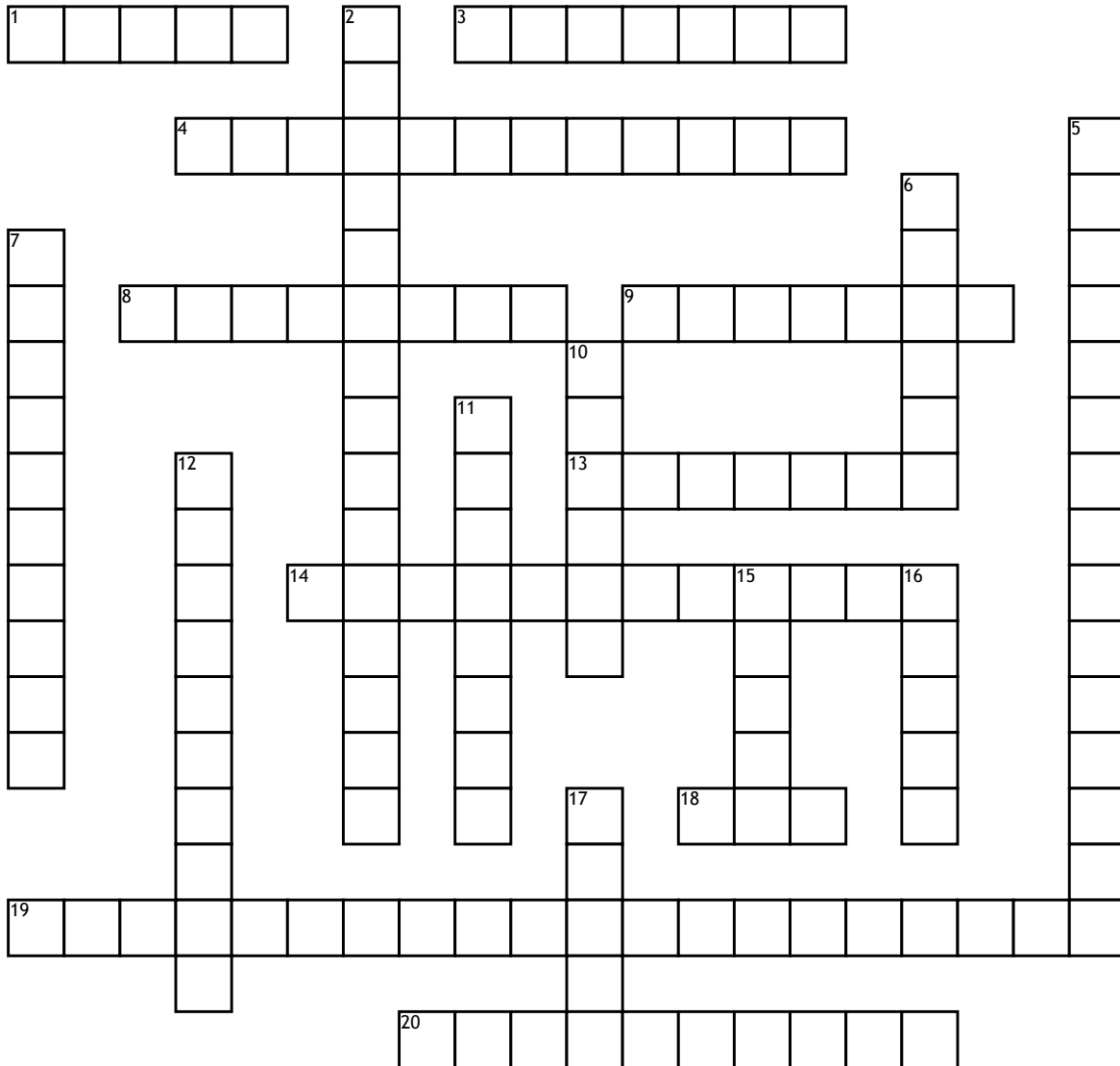


Name: \_\_\_\_\_

# The Immune System



## Across

1. The spleen filters the....and not lymph
3. Anything that starts an immune response is called this
4. These cells are responsible for cellular mediated immunity
8. This hormone helps the maturation of the T-lymphocytes
9. This part of the spleen is full of red blood cells, lymphocytes and macrophages
13. Anything that can cause a fever is called this
14. These cells are special macrophages found in the liver

18. Lymphatic capillaries help the absorption of this substance from the small intestines
19. This cell kills viruses and cancer cells
20. Is a process by which chemicals attract phagocytic cells to an injury or infection site

## Down

2. The most abundant immunoglobulin in the body
5. This immunoglobulin is produced in allergies
6. The largest lymphatic organ in the body
7. The collecting ducts empty lymph into this vein

10. Small molecules that can cause an immune response only when combined to a larger molecule
11. This protein is released by cytotoxic T cells and causes tears in the cell membranes
12. This protein is produced in response to viruses
15. Swelling because of the accumulation excess interstitial fluid
16. This is the name of the space between the nodules in the cortex of the lymph nodes
17. This is the part of the lymph node where the blood vessels and nerves pass