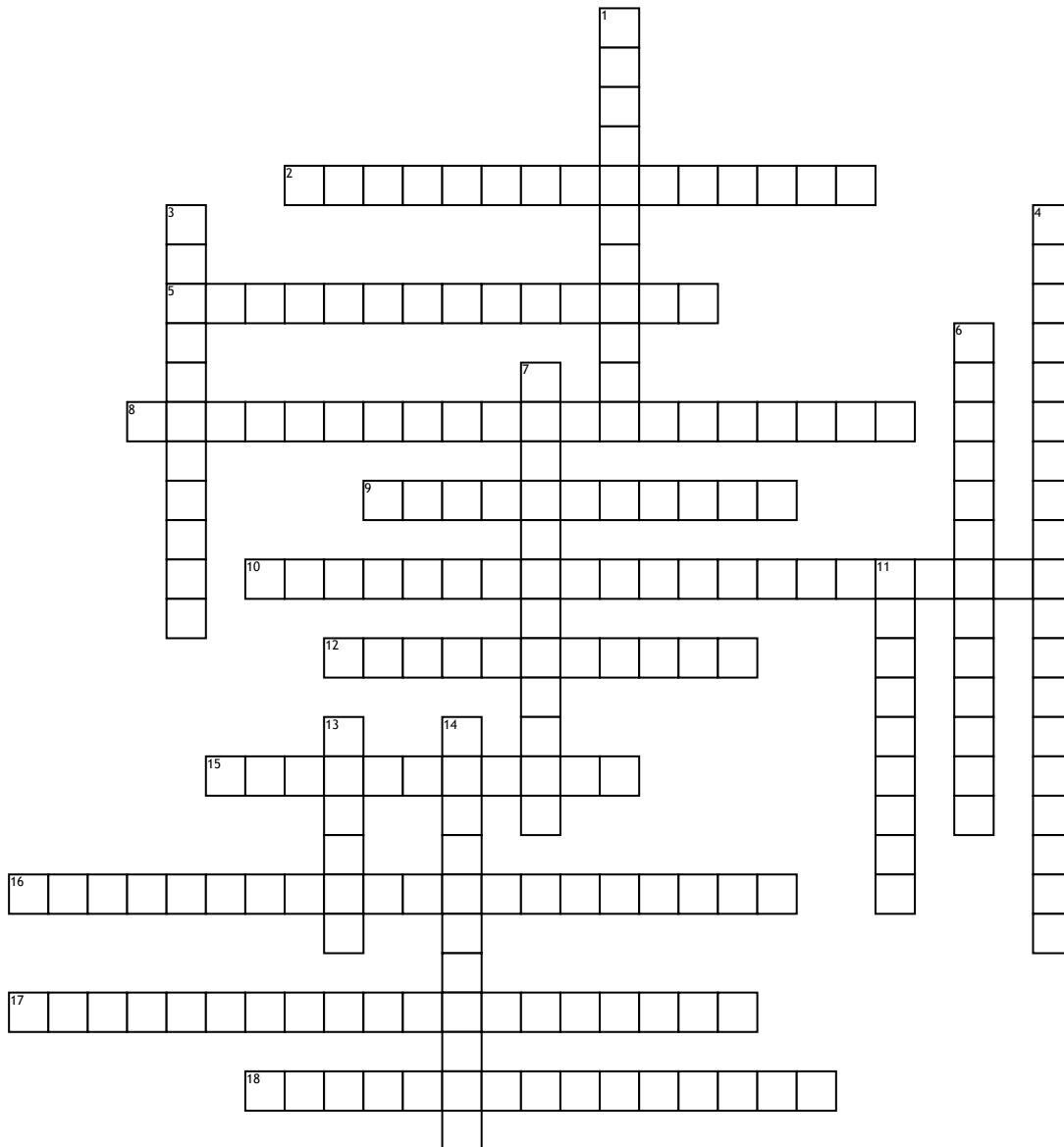


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chronic inflammation



## Across

2. A type of immunoglobulin expressed after Ig gene rearrangement  
 5. One of the three components of granulation tissue  
 8. Type of granuloma which forms when inert foreign bodies enter  
 9. Formed when B-lymphocytes undergo immunoglobulin gene rearrangement  
 10. The three types of regenerative capacity  
 12. Group of activated macrophages which can be non-caseating or caseating

15. Type of macrophage action induced by cytokines and process produces growth factors  
 16. A cause of granulomatous inflammation  
 17. Process in which tissue destruction, inflammation and healing all occur simultaneously  
 18. Type of granuloma which induces persistent T-cell mediated immune response

## Down

1. What damaged tissue is replaced by in the repair stage  
 3. Develop in thymus and their receptors undergo rearrangement

4. Most common cause of chronic inflammation  
 6. Substance secreted that causes CD4 cells to differentiate into TH1 subtype  
 7. Scar which does not grow beyond boundaries of original wound  
 11. Process activated when FAS-L binds to FAS on the target cell  
 13. Scar which grows beyond boundaries of original wound  
 14. Main role is to display antigens to T-cells and has two ways of being activated