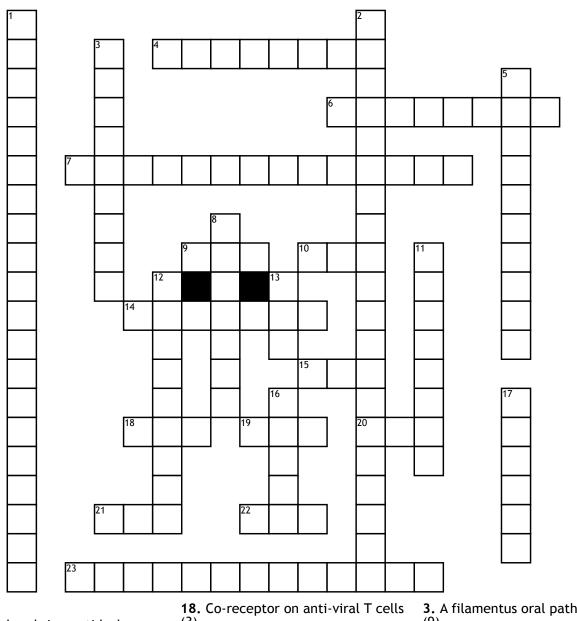
Immunology



Across

4. Cleaves bonds in peptidoglycan (8)

6. Protein found in granules of CD8 T cells (8)

7. Time it takes for antibodies against HIV to be detectable in an infected individual (14)

9. Express MHC II (3)

10. Immunoglobulin DNA variability hotspots (3)

14. An inactive enzyme precursor. (7)

15. Forms in bacterial lipid membrane from polymerised C9 monomers. (3)

(3)

19. Old name for CXCL8 (3)

20. Mediates hypersensitivity type I reactions (3)

21. Dimeric immunoglobulin that provides mucosal protection (3) 22. Transports intracellularly derived peptides into ER (3)

23. Phagocytic cell that presents antigen to Naïve T cells. (9,4)

Down

1. Process that improves lg affinity for antigen (7,13)

2. Essential HIV enzyme that produces cDNA from viral RNA (7,13)

3. A filamentus oral pathogen. F. ? (9) 5. Keystone pathogen in

periodontitis P. ? (10)

8. Binds to micro-organisms enhancing their phagocytosis (7)

11. Causes pathology. (8)

12. Cell line that produces monoclonal antibody (9)

13. Number of antigen binding sites

on a polymeric form of IgM(3)

16. Method used to detect

pathogenic component or antibodies in a clinical sample (5)

17. The basis of vaccination, the result of an effective adaptive response (6)