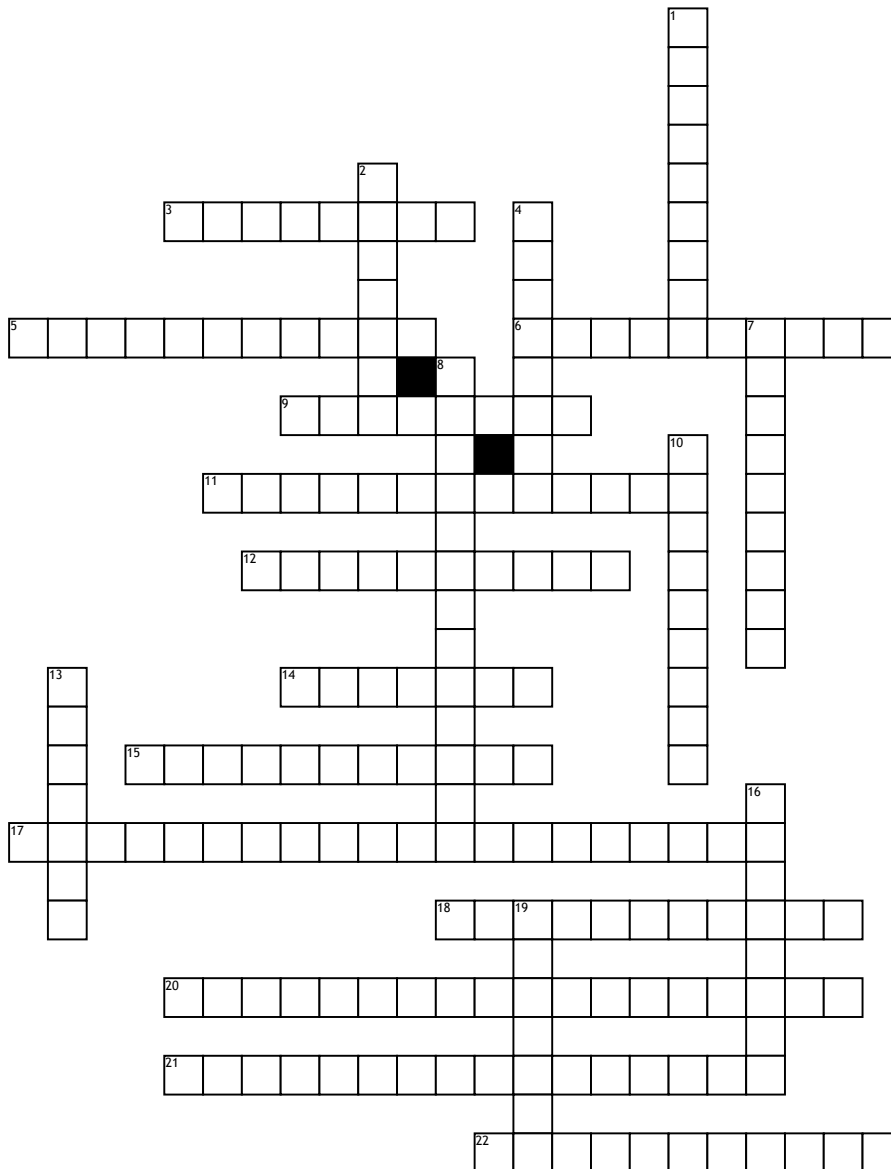


# Group A - Personalized Medicine



## Across

3. The high speed accumulation of data  
 5. Type of medicine based on herbs, folklore, and religion  
 6. Study of all proteins, their functions, and interactions  
 9. A nucleoside reverse transcriptase inhibitor used to treat HIV/AIDS  
 11. Type of treatment that either upregulates or downregulates immune response to disease  
 12. The community of microorganisms that inhabit our GI tract

14. Codeine belongs to this class of drugs  
 15. The structure of DNA published by Watson and Crick  
 17. HIV incorporates its genetic material into the host genome using this enzyme  
 18. TREWS algorithm is used to detect this condition  
 20. Major \_\_\_\_\_ Complex (MHC)  
 21. Study of genetic variations that affect drug response  
 22. A study in which neither the experimenters nor subjects know who is receiving a particular treatment

## Down

1. Human \_\_\_\_\_ Antigen (HLA)

2. A large volume of various data that can be analyzed to produce value  
 4. Codeine's active metabolite  
 7. A common drug used to treat type II diabetes  
 8. Lactic acid bacterial group that is commonly found in the human microbiome and varieties of yogurt  
 10. The dysregulation of the microbiome  
 13. The different formats of data from various sources  
 16. Study of all genes, their functions, and interactions  
 19. An inert drug or treatment that is designed to have no effect