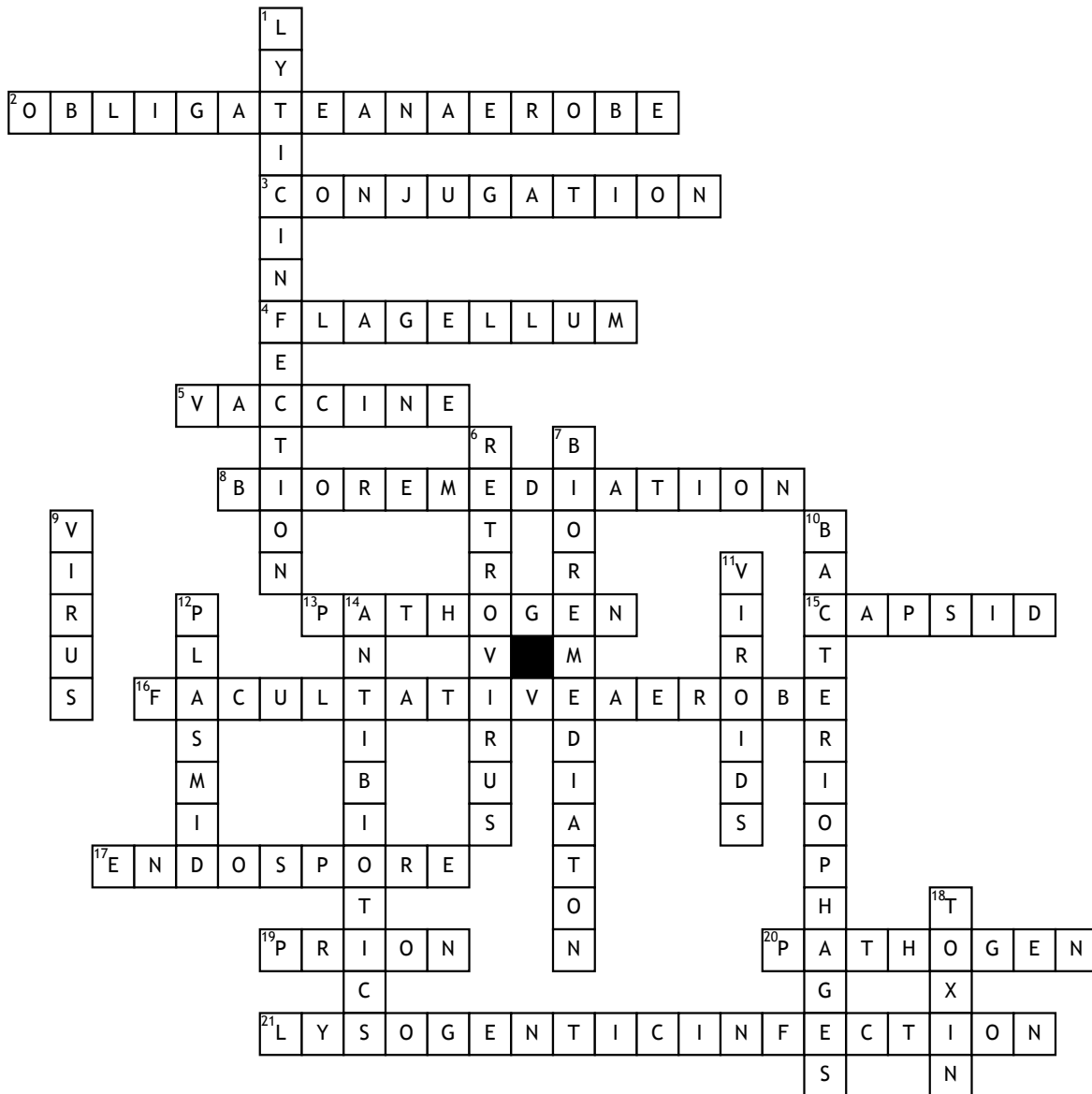


# Chapter 18



## Across

2. Prokaryote that cannot survive in the presence of oxygen
3. A process by which a prokaryote transfers part of its chromosome to another prokaryote
4. Whiplike structure outside of a cell that is used for movement
5. A substance that stimulates the body's own immune response against invasion by microbes
8. a process by which humans use living things to break down pollutants
13. any living organism or particle that can cause an infectious disease
15. protein shell that surrounds a virus
16. Organism that can live with or without oxygen

17. Prokaryotic cell with a thick, protective wall surrounding its DNA
19. An infectious particle made up of proteins that can cause other proteins to fold incorrectly
20. Any living organism or particle that can cause an infectious disease
21. The phage DNA inserted into the host cells DNA

## Down

1. An infection pathway in which the host cell bursts, releasing the new viral offspring into the hosts system, where each then infects another cell
6. A virus that contains RNA and use the enzyme called reverse transcriptase to make a DNA copy
7. A process by which humans use living things to break down pollutants

9. An infectious particle made up of only a strand of DNA or RNA surrounded by a protein coat
10. Viruses that infect bacteria
11. Infectious particles that cause disease in plants
12. Circular piece of genetic material found in bacteria that can replicate separately from the DNA of the main chromosomes
14. Chemical that kills or slows the growth of bacteria
18. A poison released by an organism