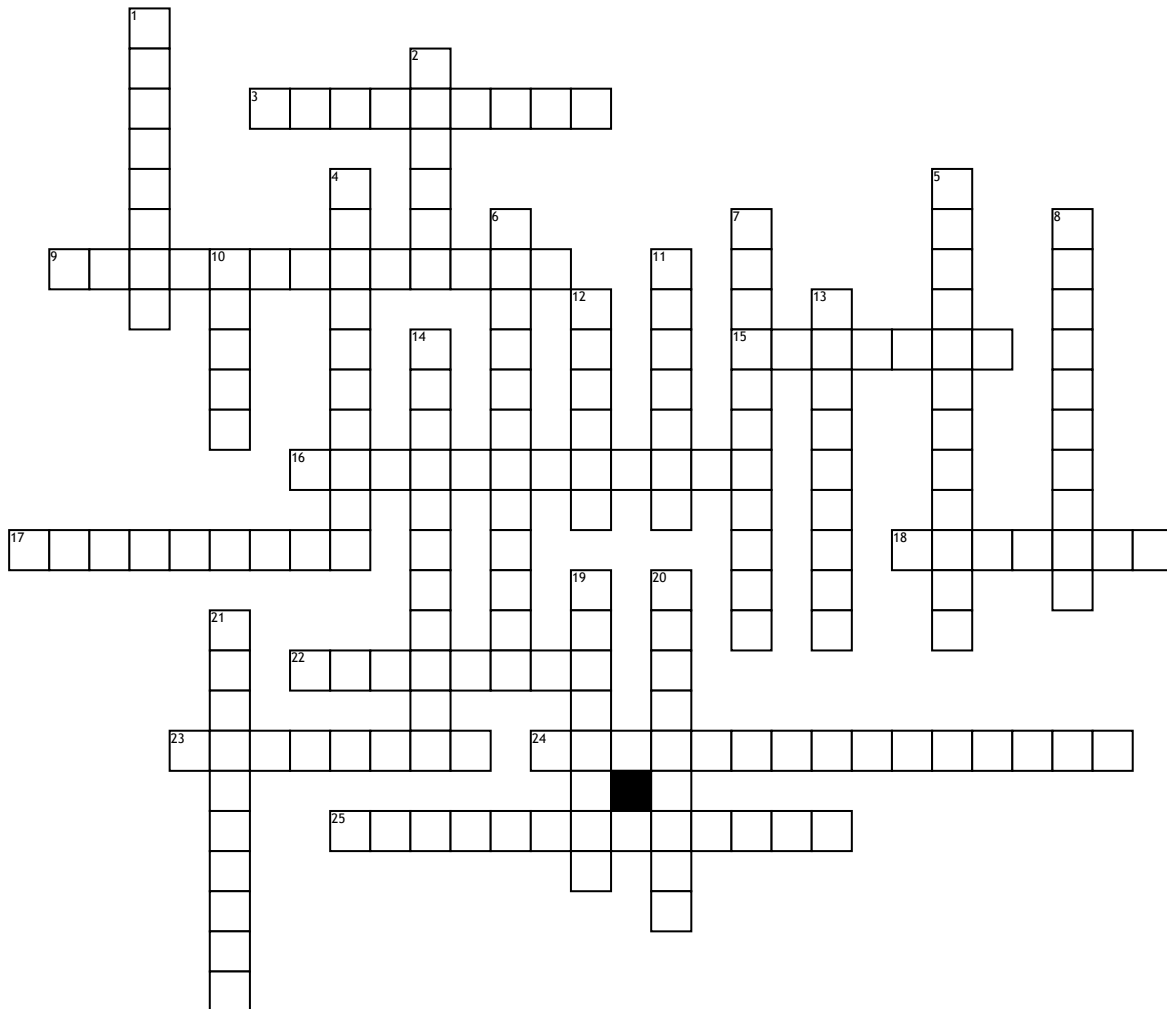


# Relationships Between Microbes & Their Host



## Across

3. a relationship in which two organisms of different species live in a relationship that benefits both of them
9. presence of microorganisms on inanimate objects or surfaces of the skin or mucous membranes
15. an individual who harbors infectious organism but does not exhibit symptoms of the disease
16. growth of microorganisms after is has attached to a host's tissue
17. a relationship between two organisms
18. a disturbance in the host which impairs normal host function
22. a type of microbiota that is always present on or in another organism
23. an organism that grows in or on a host organism to the detriment of the host

24. a type of disease arising from outside of hosts or from opportunistic pathogens

## Down

1. a type of new or old disease whose incidence has increased
2. a type of disease that appears a long time after infection
4. a type of communicable disease that is easily spread
5. one organism benefits while the other is unaffected
6. a type of infectious disease that can spread from one individual to another
7. a type of disease with no detectable symptoms or manifestations
8. a type of infectious disease acquired as a result of a hospital stay
10. a type of disease with fairly rapid onset and unusually rapid recovery

11. a type of disease that often has a slow onset and lack of permanent recovery
12. a type of microbiota is usually found associated with healthy body tissue
13. a type of microbiota that is present on or in another organism for a short time without causing disease
14. a microorganism that does not ordinarily cause a disease, but can become pathogenic under certain circumstances
19. a disease causing organism
20. the invasion or growth of microorganism in the body
21. a relationship between two organisms in which one is harmed