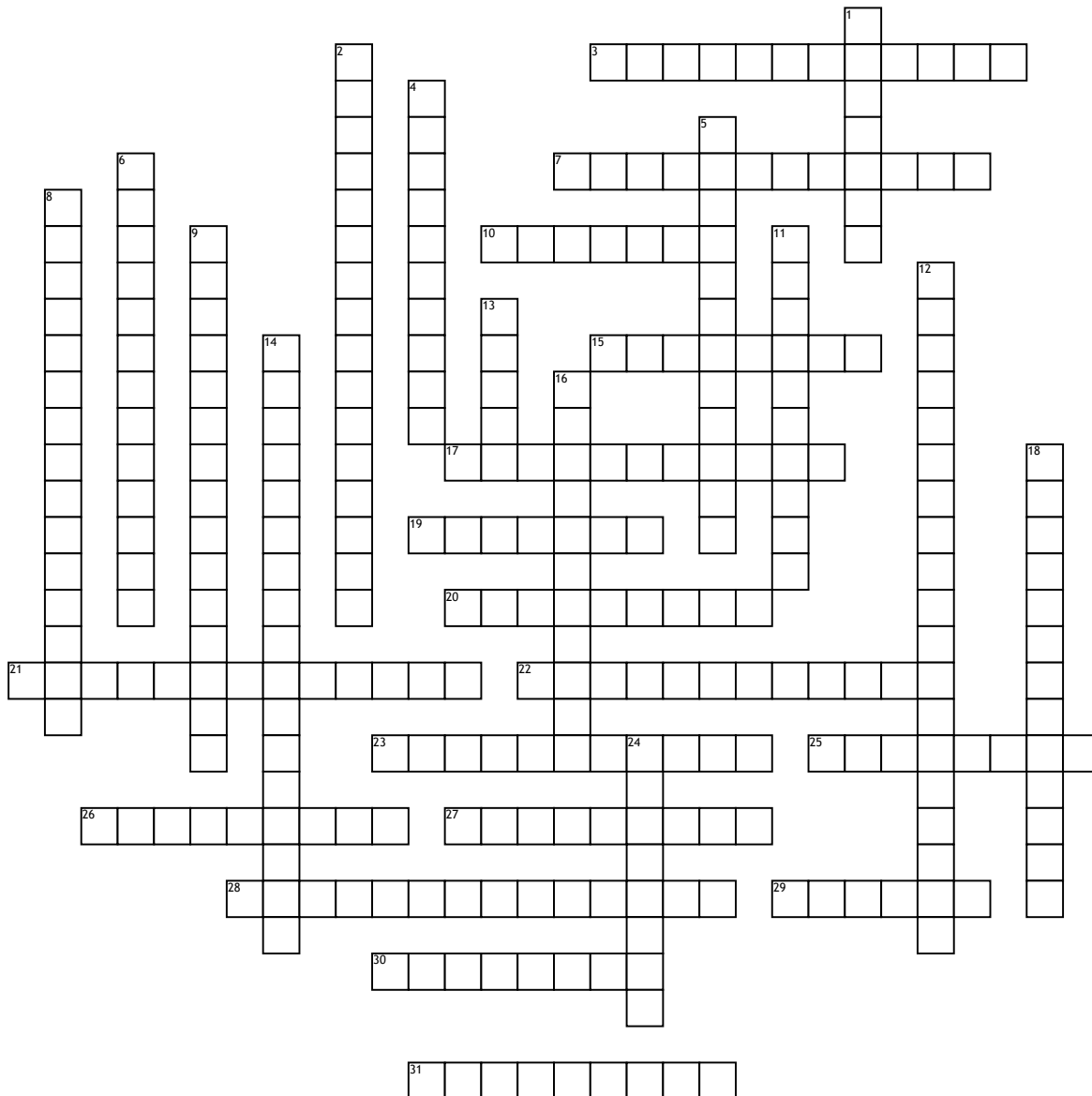


Microbiology



Across

3. A serious condition that involves inflammation of the brain tissue
7. Type of rash that appears as flat to slightly raised colored bumps. It is red and dry
10. Subjective evidence of a disease as sensed by the patient
15. Small circular pieces of DNA that contain their own origin of replication
17. The inflammation of the fallopian tubes
19. Infectious RNA particles
20. Reactant molecules acted on by an enzyme
21. _____ involves the clumping of antigens
22. The time required for a complete fission cycle, from parent cell to two daughter cells
23. Red patches with white grain-like centers that appear along the gum line and in the mouth
25. Blood infections are considered to be _____ infections
26. _____ are the source of variation and new traits in all living things

27. This type of media contains one or more agents that inhibit the growth of a certain microbe, but not others
28. The minimum number of microbes necessary to cause an infection to proceed
29. Protein shell that surrounds the nucleic acid in a virus
30. Used for attachment, especially to endothelial cells
31. The type of T-Cell that leads to the destruction of infected host cells and other "foreign" cells

Down

1. Areas where virus-infected cells have been destroyed and show up as clear, well-defined patches in the cell sheet
2. The ratio of the dose of the drug that is toxic to humans as compared to its minimum effective (therapeutic dose)
4. Released upon disintegration of Gram-Negative bacteria
5. The microbe benefits and the host is unaffected

6. A type of pathogen which attacks persons who are already weakened in some way
8. The study of disease associated with the over reactivity or under reactivity of the immune response
9. any characteristic or structure of the microbe that contributes to its ability to establish itself in the host and cause damage
11. Inflammation of the membranes around the brain and spinal cord
12. The causative agent for "Whooping Cough"
13. This type of immunoassay uses an enzyme-linked indicator antibody to visualize Ag-Ab reactions
14. Any substance that must be provided to an organism
16. Cascading immune responses to septicemia resulting in decreased blood pressure
18. This type of cell destroy virus-infected and abnormal cells
24. A microbe whose relationship with its host is parasitic and results in infection and disease