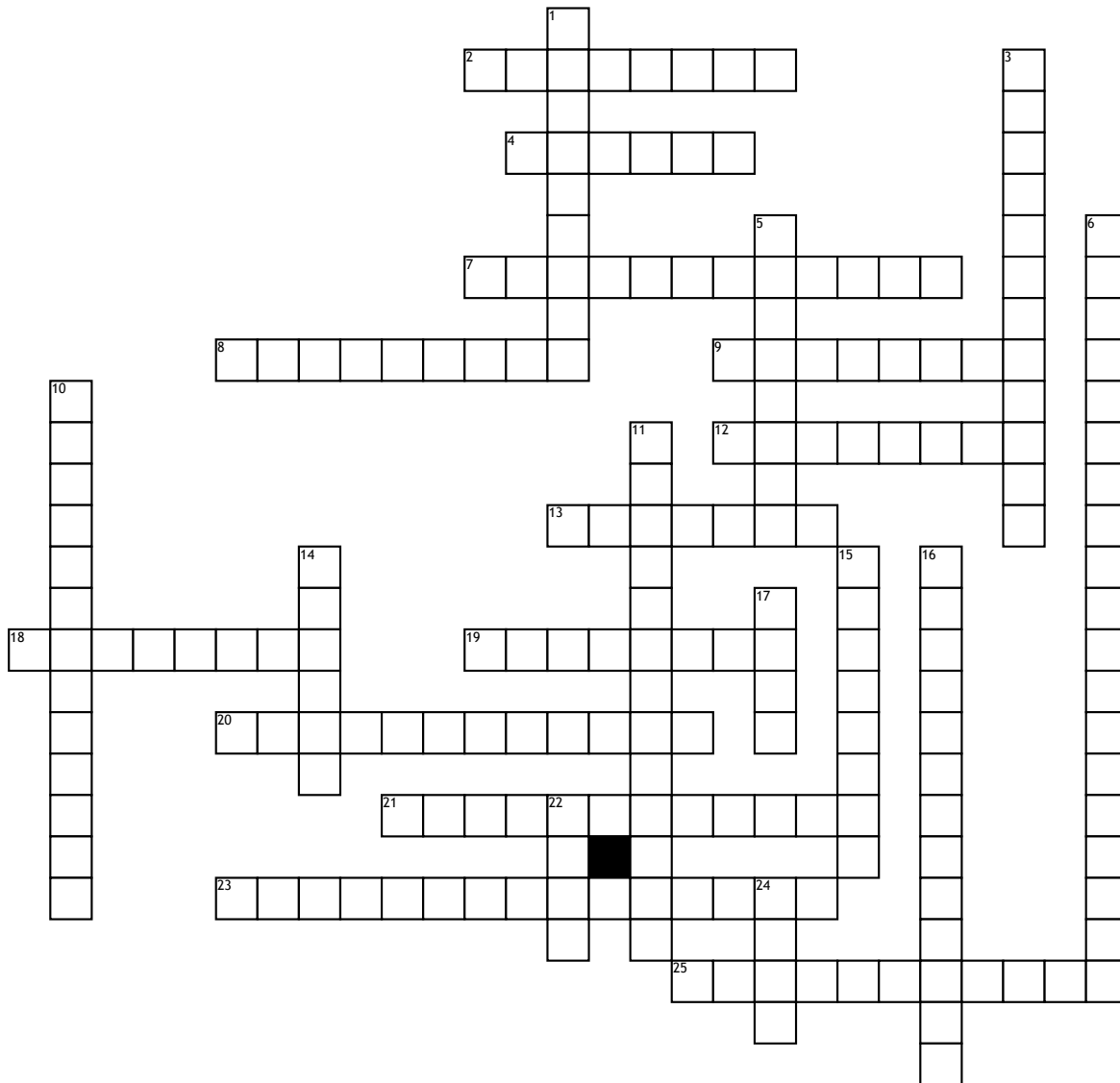


BIOTECHNOLOGY CROSSWORD



Across

2. Part of a bacterium that are long, whip-like structures that aids in cellular locomotion.
4. Used for producing beverages. (wine and beer)
7. The therapeutic use of bacteriophage to treat pathogenic bacterial infections.
8. Type of bacteriophage that brainwash their host.
9. Small rings of DNA located outside the nucleoid and are scattered in the cytoplasm.
12. They are microscopic single-celled organisms that thrive in diverse environments.
13. It is the additional covering which protects the cell when it is engulfed by other organisms.
18. Smaller pili.
19. The infolding of the plasma membrane and aids in the transport of particles out of the bacterium.

20. This part plays a central role in the generation of energy during aerobic respiration.

21. An antibiotic used to treat tuberculosis and certain types of pneumonia.

23. Causes candidiasis or yeast infection.

25. This includes peroxisomes and glyoxysomes.

Down

1. This part serves as the nerve center for transmitting signals from the tail fibers to the head for the release of DNA into the host.

3. The most common yeast that is used in baking as a leavening agent.

5. Part of a bacterial cell that is an outer covering that protects and gives it shape.

6. A bacterium that is used in making streptomycin.

10. Also known as a Phage, a virus that infects and replicates within bacteria and archaea.

11. An infection caused by the bacterium found in the urine of rodents called *Leptospira Interrogans*.

14. The contractile tail of bacteriophage is a molecular machine that facilitates very high viral infection efficiency.

15. Destroy their host as a result of reproductions.

16. Part of a yeast that protects and surrounds the cytoplasm and internal organelles.

17. Part of a bacteriophage which is a prolate icosahedrons with one unique portal vertex to which the phage tail is attached.

22. Like structures on the surface of the cell that attach to other bacterial cells.

24. A ring-like structure formed by a hetero-oligomer of GP13 and GP14.