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|  |  |  |  |  |  |  |  | **22** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Across

2. name for a microbe that lives without oxygen

5. two word chemical used to detect 1 down

6. short hair-like structures on the surface of some prokaryotes

7. term referring to orientation as a result of some stimulus

9. infectious improperly folded protein

11. means of locomotion for some prokaryotes

13. term for spherical-shaped prokaryotes

16. term that refers to a genetic transfer between prokaryotes

17. structured form of glycocalyx\*

18. protein structure surrounding the genetic material of 15 down

19. the genetic material transferred during 16 across

20. amorphous form of glycocalyx\* (2 words)

21. name for a rod-shaped prokaryotes

22. structure used to form the connection to allow 17 across (2 words)

Down

1. composite material used by 4 down to build 18 down

3. very simple infectious agent composed of naked genetic material

4. one of the domains for prokaryotes

6. term for an organism which causes an illness

8. term for prokaryotes shaped like a corkscrew

10. two word term for cellular division of prokaryotes

12. the other domain (see 4 down)

14. structure which can withstand harsh conditions and last a long time

15. “common” infectious agent

18. permeable, semi-rigid external covering for prokaryotes (2 words)

\*glycocalyx is another name for a secreted material used for attachment or protection