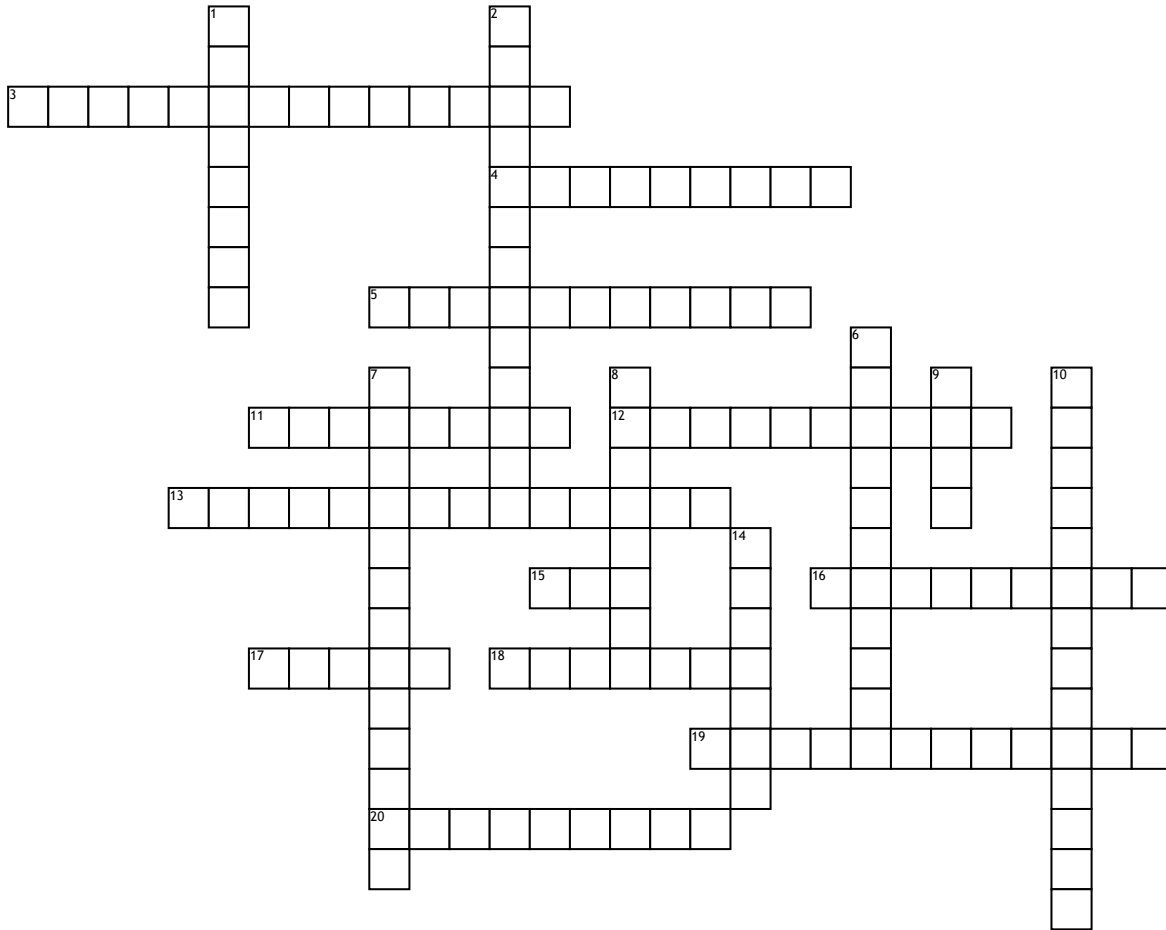


Prokaryotes and Eukaryotes



Across

3. What is the semipermeable membrane surrounding the cytoplasm of a cell?
 4. What are the protein builders or the protein synthesizers of the cell?
 5. The current accepted model of the plasma membrane
 11. This is the area that contains genetic material in a prokaryote
 12. The type of cell that has a true nucleus and membrane bound organelles
 13. The former model of the plasma membrane

15. What is a molecule that encodes genetic information for the development and functioning of living organisms?
 16. The fluid that fills the space inside the plasma membrane
 17. What are the smallest units of life?
 18. This houses DNA in a eukaryotic cell
 19. What are known as the powerhouses of the cell?
 20. These organelles contain digestive enzymes

Down

1. What is a corkscrew-like structure that propels a cell?

2. How prokaryotes reproduce
 6. The type of cell that has 70S ribosomes
 7. This is composed of cellulose microfibrils and produces turgor pressure.
 8. What is a tough and rigid outer layer that protects the cell and gives it shape?
 9. What is used when two cells are undergoing conjugation?
 10. This is made of cisternae and is found in eukaryotic cells
 14. Circular prokaryotic DNA