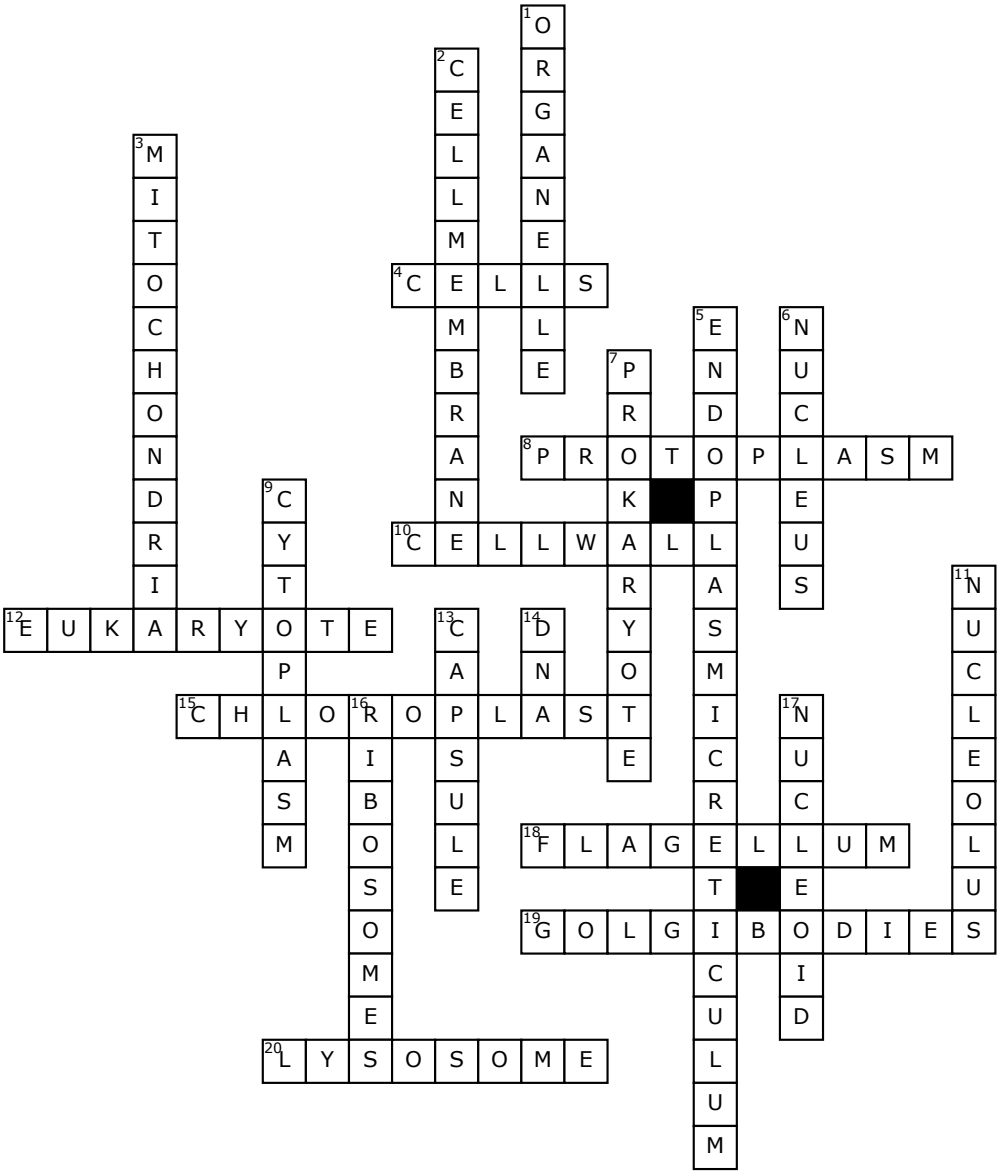
Prokaryotic and Eukaryotic cells



Across

4. What are the smallest units of life?

8. What is the colorless material comprising the living part of a cell?

10. What is a tough and rigid outer layer that protects the cell and gives it shape?

12. What is an organism consisting of a cell?

15. What are the food producers of the cell?

18. What is a whip-like structure that allows a cell to move?

19. What is a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells?

20. What are organelles that contain digestive enzymes?

Down

1. Several structures with specialized functions, suspended in the cytoplasm of a eukaryotic cell

2. What is the semipermeable membrane surrounding the cytoplasm of a cell?

3. What are known as the powerhouses of the cell?

5. What is a network of membranous tubules within the cytoplasm of a eukaryotic cell?

6. what is in the center of our cells?

7. What is a microscopic single-celled organism?

9. What is the material or protoplasm within a living cell, excluding the nucleus?

11. What is a small dense spherical structure in the nucleus of a cell during interphase?

13. What is a gelatinous layer forming the outer surface of some bacterial cells?

14. What is a molecule that encodes genetic information for the development and functioning of living organisms?

16. What are the protein builders or the protein synthesizers of the cell?

17. What is an irregularly shaped region within the cell of a prokaryote?