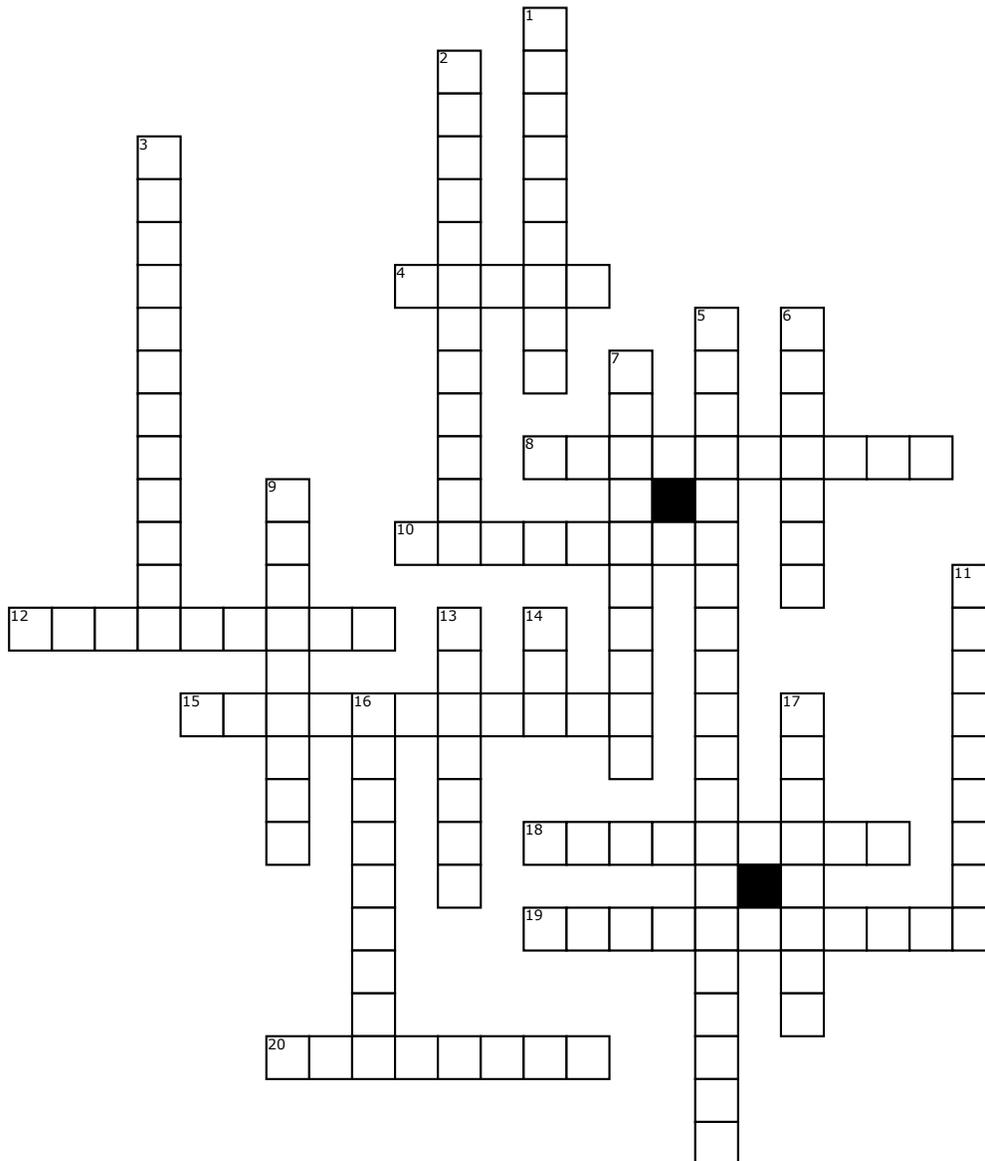


# Prokaryotic and Eukaryotic cells



## **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?