

Cell Organelles and Functions

Across

1. the semipermeable membrane surrounding the cytoplasm of a cell.

4. a dense organelle present in most eukaryotic cells

5. an organelle found in large numbers in most cells

7. a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria

11. any of a number of organized or specialized structures within a living cell.

13. single-celled organism which has neither a distinct nucleus with a membrane nor other specialized organelles

15. It is another packaging organelle like the endoplasmic reticulum

16. organism whose cells contain a nucleus surrounded by a membrane

18. an organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane.

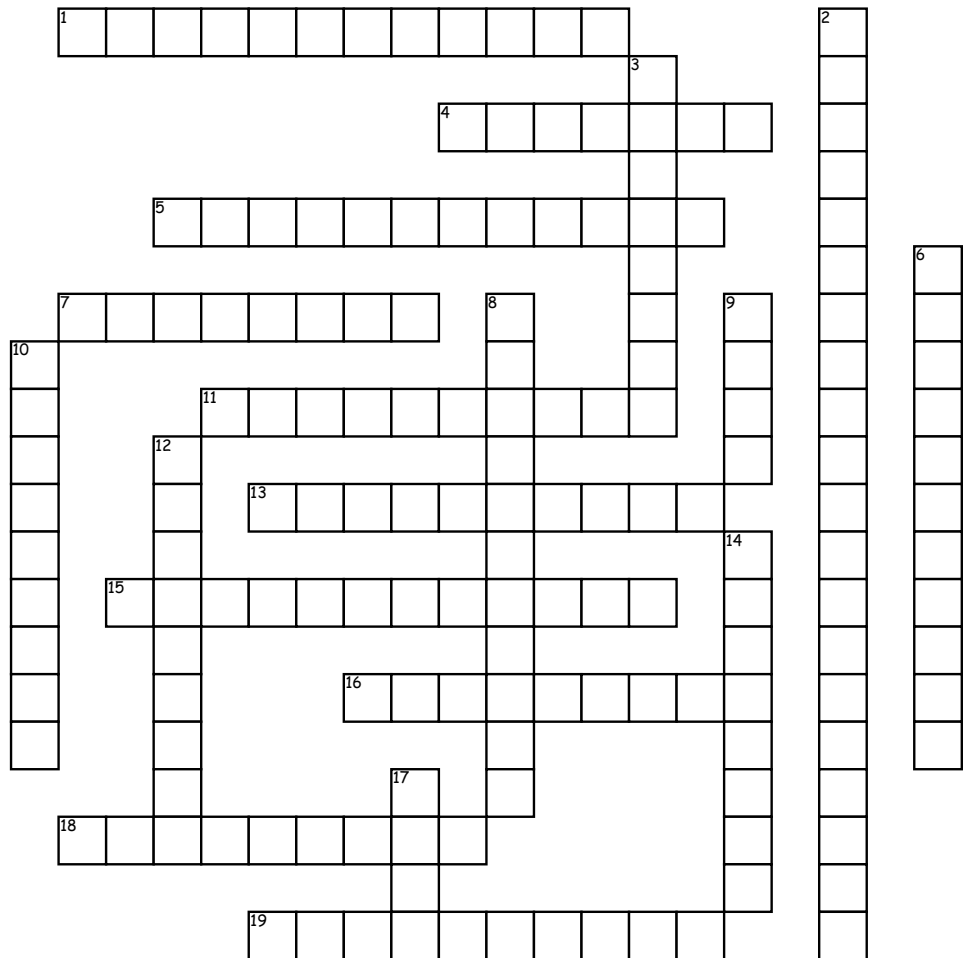
19. Theory that states that cells are the basic units of structure and function in living organisms.

Down

2. a network of membranous tubules within the cytoplasm of a eukaryotic cell

3. transport of materials within the cytoplasm.

6. study of cell structure and function



8. (in green plant cells) a plastid that contains chlorophyll and in which photosynthesis takes place.

9. Basic unit of a chemical element

10. the material or protoplasm within a living cell

12. A sphere-shaped structure within the cytoplasm of a cell that is composed of RNA and protein and is the site of protein synthesis

14. A group of atoms bonded together

17. the smallest structural and functional unit of an organism,

