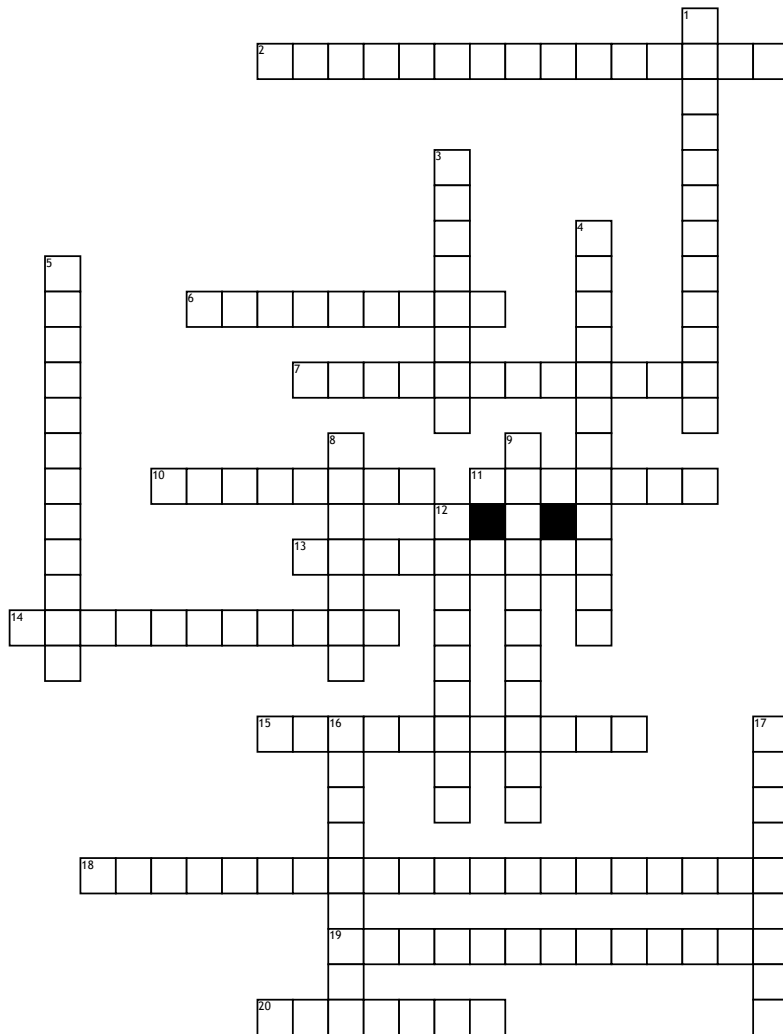


Entre Cell Organelle Crossword



Across

2. is made up of two lipid bilayer membranes which in eukaryotic cells surrounds the nucleus, which encases the genetic material
6. The area inside a cell between the nucleus and the cell membrane, where organelles can be found
7. thin, flexible barrier around a cell, it regulates what enters and leaves the cell
10. In plant cells, this stiff wall surrounds the cell membrane, giving the cell a rigid, boxlike shape.
11. the control center of the cell that directs the cell's activities; it contains the chemical instructions that direct all the cell's activities (DNA)
13. a small dense spherical structure in the nucleus of a cell during interphase

14. a microscopic tubular structure present in numbers in the cytoplasm of cells, sometimes aggregating to form more complex structures.
15. Contain the genetic information that is passed from one generation of cells to the next.
18. Has passageways that assembles proteins, lipid components and other materials form one part of the cell to another
19. a small rodlike structure, about 4-7 nanometers in diameter, present in numbers in the cytoplasm of many eukaryotic cells.
20. Sac that carries newly synthesized proteins from Golgi apparatus to various parts of the cell.

Down

1. the organelle that processes and transports proteins and other materials out of the cell
3. the organelle that digests food particles, wastes, cell parts, and foreign invaders

4. organelles that capture energy from the sunlight and use it to produce food for the cell
5. the organelle that breaks down food molecules to make energy available (ATP)
8. the organelle that stores water and other materials
9. complexes allow the transport of molecules across the nuclear envelope
12. a minute cylindrical organelle near the nucleus in animal cells, occurring in pairs and involved in the development of spindle fibers in cell division.
16. the organelle in which amino acids are hooked together to make proteins
17. the material of which the chromosomes of organisms other than bacteria (i.e., eukaryotes) are composed. It consists of protein, RNA, and DNA.

Word Bank

microtubule
chromatin
lysosome
microfilament
Vesicle

nuclear pore
nucleolus
Golgi complex
vacuole
centriole

chloroplasts
cytoplasm
nucleus
mitochondria
nuclear envelope

Chromosomes
cell wall
cell membrane
Endoplasmic Reticulum
ribosomes