

NAME _____

CHAPTER 7: Cell Structure and Function Review Crossword

ACROSS:

1. Small structure in a cell that performs a specific function = _____
2. Dark spot in the nucleus where ribosomes are made = _____
3. Sac of digestive enzymes = _____
4. _____ ER is covered by ribosomes and sends its modified proteins to the Golgi apparatus.
5. The _____ is found outside the cell membrane in plants and bacteria and provides support and protection.
6. An organism like a green plant that can make its own food = _____
7. These sausage shaped organelles burn glucose and store the energy as ATP = _____
8. The molecule used by cells to store genetic information = _____
9. An organism with a nuclear membrane and organelles surrounded by membranes = _____
10. The _____ is surrounded by a double membrane, contains the cells DNA, and acts as the control center.
11. One or two long hair-like structures called _____ extend from the surface of cells and help move the cell.
12. The _____ is the gel-like material plus the cell's organelles.
13. Smooth ER has several functions including regulating calcium levels in muscle cells, breaking down toxins in liver cells, and making membrane lipids called _____.
14. The folded inner membranes inside mitochondria are called _____.
15. A cell membrane is a lipid _____ because the phospholipids line up in TWO ROWS to try and keep their hydrophobic tails away from water.
16. The _____ surrounds all cells and is selectively permeable to control what enters and leaves the cell.