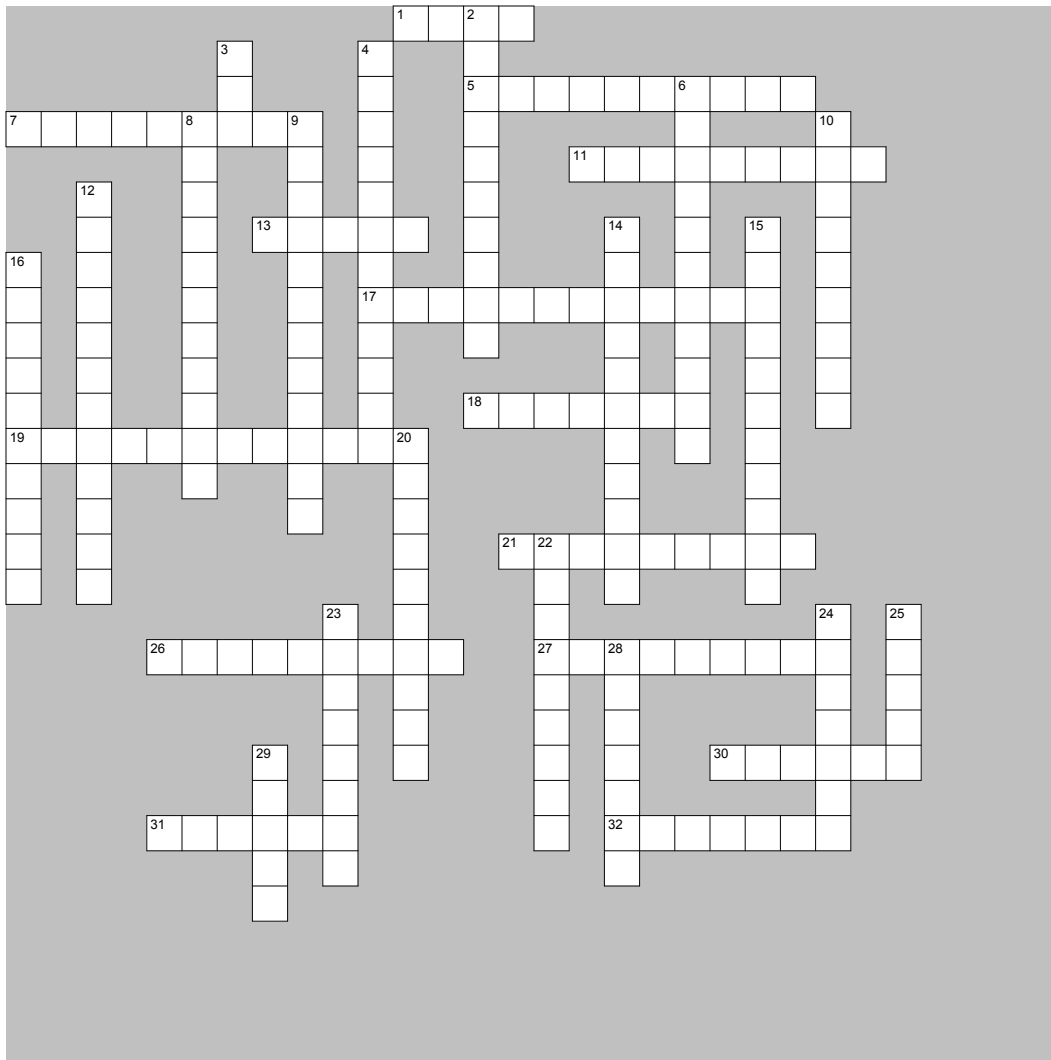


Bio Ch 7 Cell Structure & Function



Across

1. This Greek word means "under"
5. This type of cell is found in bone marrow
7. This is the material in the cell but not including the nucleus or other organelles
11. This is the granular material visible within the nucleus
13. This man published a book titled "Micrographia"
17. The core of nearly all cell membranes is a double-layered sheet called a ????
18. This molecule has a size greater than 150 Daltons
19. This is the thin, flexible barrier around the cell
21. This man concluded that all plants are made up of cells
26. This process allows molecules to move from an area of greater concentration to an area of lesser concentration
27. This organelle breaks down lipids, carbohydrates, and proteins
30. These unicellular fungi organisms are used in making bread and other foods
31. This is the plural of nucleus
32. This is the control center of the cell

Down

2. These types of cells produce insulin, which the body needs
3. This is the abbreviation of Ribonucleic Acid
4. This is a network of protein filaments that helps the cell to maintain its shape
6. This type of cell DOES NOT have a nucleus
8. This Dutch businessman used the microscope to study nature
9. These are the power plants of the cell
10. The rough endoplasmic reticulum is rough because it has these on its surface
12. Mitochondria and ???? contain some of their own genetic information in the form of DNA
14. This is the green pigment found in the chloroplasts in the photosynthetic membranes
15. These are formed when a cell divides and chromatin condenses
16. This is the name of a giant amoeba
20. This type of cell HAS a nucleus
22. Cell walls are mainly made up of this substance
23. Cells placed in this type of solution neither gain nor lose water
24. This process is diffusion through a Selectively Permeable Membrane
25. "New cells are produced from existing ????"
28. This man concluded that all animals are made up of cells
29. This apparatus attaches carbohydrates and lipids to proteins

This Prokaryotic cell lives in your intestine.