

Directions: Give the function for each cell structure and then *color* the animal cell.

Cell Membrane -
Nucleoplasm -
Mitochondria -
Lysosome -
Cytoplasm -
Microtubules -
Ribosome -
Nucleolus -
Golgi Apparatus -
Smooth Endoplasmic - Reticulum -
Rough Endoplasmic Reticulum -
Nuclear Membrane -

Questions:

1. Give the function of the nucleus.
2. What makes up the cell membrane?
3. Where does cellular respiration take place?
4. Where does protein synthesis take place?
5. Where are ribosomes made?
8. How can you tell rough ER from smooth ER?
9. Where are cell products modified and packaged in vesicles for transport?
10. Where is DNA found in a cell?
11. Where would old cell organelles be broken down (digested) to be recycled in the cell?