

Cells Study Guide



Organelle

Cell Membrane

Lysosome

Cytoplasm

Nucleus

Nuclear Membrane

Nucleolus

Vacuole

Golgi Body

Mitochondria

Rough E.R.

Smooth E.R.

Ribosome

Function

A double layer that supports and protects the cell. Allows materials in and out.

Contains digestive enzymes that destroy damaged organelles and invaders.

Jelly-like fluid that surrounds and protects the organelles.

The control center of the cell. Contains the DNA.

Surrounds the nucleus.

A round structure in the nucleus that makes ribosomes.

Stores food and water.

Processes and packages materials for the cell.

The "Powerhouse". Breaks down food to produce energy in the form of ATP.

Builds and transports substances through the cell. Has ribosomes on it.

Builds and transports substances through the cell. Does not have ribosomes.

Helps make protein for the cell.

Biology Cell Structure And Function Study Guide

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