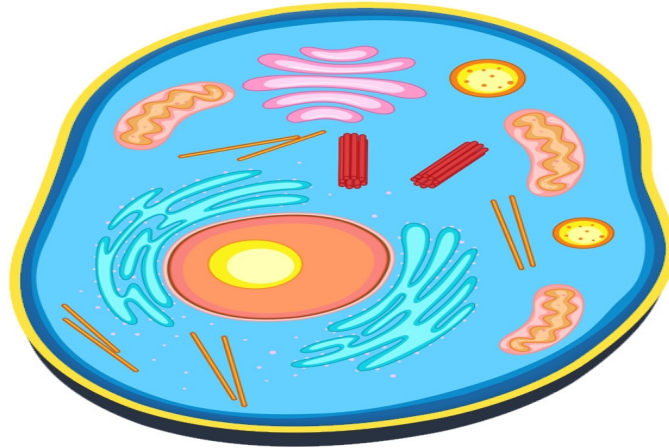


Cells Study Guide



Organelle

Function

Cell Membrane

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

Lysosome

Contains digestive enzymes that destroy damaged organelles and invaders.

Cytoplasm

Jelly-like fluid that surrounds and protects the organelles.

Nucleus

The control center of the cell. Contains the DNA

Nuclear Membrane

Surrounds the nucleus.

Nucleolus

A round structure in the nucleus that makes ribosomes.

Vacuole

Stores food and water.

Golgi Body

Processes and packages materials for the cell.

Mitochondria

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

Rough E.R.

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

Smooth E.R.

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

Ribosome

Helps make protein for the cell.