

KNOWS THIS



Organelle	Function
Cell Wall	Provides structural support and protection.
Cell Membrane	Controls the entry and exit of substances.
Nucleus	Contains genetic material (DNA) and controls cell activities.
Chloroplast	Performs photosynthesis to produce energy.
Mitochondrion	Produces energy through cellular respiration.
Rough Endoplasmic Reticulum (RER)	Synthesizes and transports proteins.
Smooth Endoplasmic Reticulum (SER)	Synthesizes lipids and detoxifies drugs.
Golgi Apparatus	Processes and packages proteins for transport.
Lysosome	Breaks down waste materials and cellular debris.
Vacuole	Stores water, nutrients, and waste.
Cytoplasm	The fluid medium where organelles are suspended.
Centrioles	Involved in cell division.