

PROCESSES OF THE CELL

CELL
 The basic unit of life, containing all the components necessary for the organism to live and reproduce.



CELL WALL
 A rigid layer that surrounds the cell, providing structural support and protection.

CELL MEMBRANE
 A phospholipid bilayer that separates the cell from its environment, controlling the entry and exit of substances.

NUCLEUS
 The control center of the cell, containing DNA and surrounded by a nuclear envelope.

CHLOROPLAST
 An organelle found in plant cells that captures light energy and converts it into chemical energy through photosynthesis.

