Cell Wall
Protects the cell from injury and holds the shape of the cell

Cell Membrane
Controls what comes in and out of the cell

Nucleus
Controls many functions in the cell

Cytoplasm
Gel-like substance between the cell membrane and the nucleus

Chloroplast
Makes sugars and starches through photosynthesis

Vacuole
Stores biochemicals, helps in plant growth

Mitochondrion
Provides energy