

Organelles in Eukaryotic Cells

Structure	Function
Nucleus	Contains genetic material
Ribosomes	Protein synthesis
Endoplasmic reticulum	Synthesis/modification and transport of proteins and lipids
Golgi apparatus	Processing, distribution of proteins, lipids
Lysosomes	Digestion of substances in cell
Peroxisomes	Digestion and detoxification
Chloroplasts	Photosynthesis
Flagella/Cilia	Cell movement
Vacuole and vesicle	Storage of cellular substances
Centriole	Cytoskeletal organization