

Put the right organelle or the structure from the word bank in the answer column

endoplasmic reticulum (E.R.),	ribosome,	nuclear membrane,	cell wall,
cell membrane,	nucleus,	cytoplasm,	mitochondrion, vacuole, chloroplast

ORGANELLE	DESCRIPTION	FUNCTION
	*outer layer *rigid, strong, stiff *made of cellulose	*support (grow tall) *protection allows H ₂ O, O ₂ , CO ₂ to pass into and out of cell
	*plant - inside cell wall *animal - outer layer; cholesterol *selectively permeable	*support *protection *controls movement of materials in/out of cell *barrier between cell and its environment *maintains homeostasis
	*large, oval	*controls cell activities
	*surrounds nucleus *selectively permeable	*Controls movement of materials in/out of nucleus
	*clear, thick, jellylike material and organelles found inside cell membrane	*supports /protects cell organelles
	*network of tubes or membranes	*carries materials through cell
	*small bodies free or attached to E.R.	*produces proteins
	*bean-shaped with inner membranes	*breaks down sugar molecules into energy
	*fluid-filled sacs	*store food, water, waste (plants need to store large amounts of food)
	*green, oval usually containing chlorophyll (green pigment)	*uses energy from sun to make food for the plant (photosynthesis)