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Cell Structure

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| **Across****6.** Modifies, sorts, and package proteins and other materials from the ER for storage in the cell or release outside of the cell **8.** Small organelles filled with enzymes that break down lipids, sugars, and proteins into smaller molecules**9.** Holds cells DNA**10.** An outer layer of the cell that protects and regulates what goes in and out of the cell | **Down****1.** Internal membrane system (rough and smooth)**2.** Capture the energy from sunlight and convert it into food that contains chemical energy in a process called photosynthesis**3.** Powerhouse plants of the cell; convert the chemical energy stored in food into compounds that are more convenient for the cell to use**4.** A layer within the cell membrane made up of lipids**5.** Large membrane sacs that store materials like water, salts, proteins and sugars**7.** Small particles of RNA and protein found throughout the cytoplasm in all cells |