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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 |