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Cell structure

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| **Across****2.** Structure, such as the heart, made of different types of tissues that work all together **8.** A protective outer covering of all cells that regulates the interaction between the cells and the environment.**9.** A constantly moving gel-like mixture inside the cell membrane that contains hereditary material and is the location of most of a cell's life processes.**11.** An organelle that controls all the activities of a cell and contains hereditary material made of proteins and DNA.**12.** A green, chlorophyll- containing, plant-cell organelle that uses light energy to produce sugar from carbon dioxide and water. | **Down****1.** Cytoplasmic organelle mix materials around in this complex series of folded membranes can be rough (with attached ribosome) or smooth (without attached ribosomes). **3.** A structure in the cytoplasm of a eukaryotic cell that can act as a storage site, process energy, move materials or manufacture substances.**4.** A cell organelle that breaks down food and releases energy **5.** Organelles that package materials and transfer them within the cell or out of the**6.** Small cytoplasmic structure on which cells make their own proteins **7.** A rigid structure that encloses, supports, and protects the cells of plants, algae, fungi, and most bacteria.**10.**  Group of similar cells that work together to do one job  |