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Cell Transport Crossword

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| **Across**  **5.** The difference in concentration of a substance from one location to another.  **6.** The substance that does the dissolving.  **8.** The solute concentration of the inside of the cell in greater than the solute concentration on the outside of the cell.  **9.** The movement of molecules across a semi-permeable membrane without the use of energy.  **10.** Form of passive transport; Movement of molecules across the membrane through a protein.  **12.** The movement of water molecules across a cell membrane.  **13.** This is a type of pump. Moves three Na+ (Sodium ions) out of the cell for every two K+ (Potassium ions) it moves into the cell  **15.** Molecules flow from an area of LOW CONCENTRATION TO HIGH CONCENTRATION. | **Down**  **1.** The two functions of this cell structure are to act as a boundary between the external and internal environments of a cell and to control passage of materials.  **2.** This describes the cell membrane; it means some molecules can pass through the membrane while others cannot  **3.** A process of taking in substances by engulﬁng them in a membrane.  **4.** Literally means "same state". Variables are regulated so that internal conditions remain relatively constant/stable.  **7.** The solute concentration on the outside of the cell in greater than the solute concentration on the inside of the cell . The cell will shrink.  **11.** The solute concentration on the inside the cell is equal to the solute concentration on the outside of the cell.  **14.** The substance that is broken down in a solution. |