

OSMOTIC

Meaning: Osmotic refers to the process or pressure related to the movement of water across a semipermeable membrane, influenced by solute concentration, critical for maintaining fluid balance in biological systems.

1. The osmotic pressure in the plant cells helps maintain their turgidity.
2. In medical research, understanding osmotic balance is crucial for effective drug delivery systems.
3. The phenomenon of osmotic movement is essential for the functioning of biological membranes.
4. She explained how osmotic processes influence the absorption of nutrients in the intestines.
5. Osmotic regulation plays a vital role in maintaining homeostasis within living organisms.

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