

Cellular Transport

Passive Transport - The movement of materials from high to low concentration.

Active Transport - The movement of materials from low to high concentration.

Energy - What is needed for active transport but not for passive transport.

Osmosis - The movement of water through a selectively permeable membrane.

Hypotonic - A solution with a lower solute concentration than the cell.

Hypertonic - A solution with a higher solute concentration than the cell.

Isotonic - A solution with an equal solute concentration in and outside of the cell.

Shrink - What will happen to the cell if placed in a hypertonic solution.

Swell - What will happen to the cell if placed in a hypotonic solution.

Endocytosis - Active transport which moves materials into the cell.

Exocytosis - Active transport which moves materials out of the cell.