

Cell Vocabulary

Cell Theory	Theory stating that all living things are made up of cells, which are the basic units of structure and function of the organism, and that all cells come from other cells.
Osmosis	The diffusion of water through a selectively permeable membrane.
Diffusion	The movement of molecules from an area of high concentration to an area of lower concentration.
Selectively Permeable	Allowing certain substances to enter or leave but not others.
Unicellular Organism	An organism that has only one cell.
Multicellular Organism	An organism composed of many cells.
Artery	A blood vessel that carries blood away from the heart.
Veins	A blood vessel that carries blood toward the heart.
Capillaries	Thin, hair-like vessels connecting arteries and veins; capillary tissue is only one cell thick.
Cell Specialization	Every cell of a multicellular organism has a function that it is designed to perform; as a result, cells in the same organism come in a variety of sizes and shapes.