

Concentration

A measurement of how much solute exists within a certain volume of solvent.

Conjugation

A temporary union of two organisms for the purpose of DNA transfer.

Consumers

Organisms that eat living producers and/or other consumers for food.

Cytology

The study of cells.

Cytolysis

The rupturing of a cell due to excess internal pressure.

Cytoplasm

A jellylike fluid inside the cell in which the organelles are suspended.

Cytoplasmic streaming

The motion of cytoplasm in a cell that results in a coordinated movement of the cell's contents.

Cytoskeleton

A network of fibers that holds the cell together, helps the cell to keep its shape, and aids in movement.

Decomposers

Organisms that break down the dead remains of other organisms.

Dehydration reaction

A chemical reaction in which molecules combine by removing water.

Diffusion

The random motion of molecules from an area of high concentration to an area of low concentration.

Digestion

The breakdown of absorbed substances.

Basic Biology terms.

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Reproduction

Producing more cells.

REspiration

The breakdown of food molecules with a release of energy.

Rhizoid hypha

A hypha that is imbedded in the material on which the fungus grows.

Ribosomes

Non-membrane-bounded organelles responsible for protein synthesis.

Rough ER

ER that is dotted with ribosomes.

Saprophyte

An organism that feeds on dead matter.

Saturated fat

A lipid made from fatty acids that have no double bonds between carbon atoms.

Scientific law

A theory that has been tested by and is consistent with generations of data.

Secretion

The release of biosynthesized substances.

Secretion vesicle

Vesicle that holds secretion products so that they can be transported to the plasma membrane and released.

Semipermeable membrane

A membrane that allows some molecules to pass through but does not allow other molecules to pass through.

Sessile colony

A colony that uses holdfasts to anchor itself to an object.

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