

hypertonic solution - ANSa solution that causes a cell to shrink because of osmosis

Hypothesis - ANSA testable prediction, often implied by a theory

hypotonic solution - ANSa solution that causes a cell to swell because of osmosis

incomplete dominance - ANSThe resulting offspring have a phenotype that is a blending of the parental traits.

independent variable - ANSa variable (often denoted by x ) whose variation does not depend on that of another.

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inductive reasoning - ANSreasoning from detailed facts to general principles

ionic bond - ANSthe attraction between oppositely charged ions

isotonic solution - ANSa solution whose solute concentration is equal to the solute concentration inside a cell

JET RAT - ANSJunctions, enzymes, transport, recognition, attachment, transduction

Junctions - ANSCorrect and hold 2 cells together

Lactic acid fermentation occurs in - ANSmuscle cells, cheese pickles, kimchi, many vegetables

Lipid monomers - ANSglycerol and fatty acids

lipid polymers - ANStriglycerides, phospholipids, steroids

Metastasis - ANSThe spread of cancer cells beyond their original site

Methods of enzyme control - ANSOptimal temperature, optimal ph, optimal salt concentration

Mitosis vs. Meiosis - ANSMitosis: one division forming 2 identical cells (clones); Meiosis: two divisions forming 4 genetically different cells

mRNA processing - ANS5`capping, 3` polyadenylation, splicing

Multipotent - ANScell with limited potential to develop into many types of differentiated cells