

# AP Biology Vocabulary Matching 16

Write the word that best matches each definition or clue.

- CENTROSOME An organelle near the nucleus of a cell that contains the centrioles (in animal cells) and from which the spindle fibers develop in cell division.
- CODON The three nucleotide combination on the messenger RNA that matches up with the three letter combination on the transfer RNA and has the information to code for one amino acid.
- CODOMINANCE Form of dominance in which the alleles of a gene pair in a heterozygote are fully expressed thereby resulting in offspring with a phenotype that is neither dominant or recessive.
- COHESION The attractive force between polar molecules of the same substance.
- CELL WALL Structural part of some cells that can be made of cellulose, peptidoglycan, or chitin depending on what kingdom the organism belongs to.
- CELLULAR RESPIRATION The process of breaking down glucose to make ATP.
- CHOLESTEROL The steroid embedded in the cell membrane that keeps the membrane fluid and strong.
- CENTROMERE The region of a chromosome to which the microtubules of the spindle attach, via the kinetochore, during cell division.
- CHROMATIN The unwound form of DNA that is accessible for making RNA.
- CHLOROPHYLL The green pigment molecule found in the chloroplasts of higher plants and in cells of photosynthetic microorganisms which is primarily involved in absorbing light energy for photosynthesis.
- CONTROLLED VARIABLES The many characteristics of the experimental group and control group which are held constant.
- COVALENT BOND An intramolecular bond where atoms are sharing electrons equally.
- CELL CYCLE The continuous series of events that all somatic cells go through that includes interphase, mitosis, and cytokinesis.
- CHLOROPLAST The cell part responsible for photosynthesis in eukaryotic cells.
- CHROMOSOMES The DNA when it is wrapped up tightly around proteins during metaphase.

centrosome

cellular respiration

covalent bond

codominance

controlled variables

cohesion

cell cycle

centromere

chromosomes

cholesterol

codon

chloroplast

chlorophyll

chromatin

cell wall