

Biology Vocabulary Matching 29

Write the word that best matches each definition or clue.

1. LIPIDS Energy-rich organic compounds, such as fats, oils, and waxes, that are made of carbon, hydrogen, and oxygen.
2. MUTUALISM A relationship between two species in which both species benefit.
3. ISOTONIC SOLUTION A solution in which the concentration of solutes is essentially equal to that of the cell which resides in the solution.
4. HIBERNATION Long-term resting state that is an adaptation to winter cold and food scarcity.
5. HERMAPHRODITE An organism that has both male and female reproductive organs.
6. MITOSIS Part of eukaryotic cell division during which the cell nucleus divides.
7. NADPH An electron carrier involved in photosynthesis.
8. MESSANGER RNA RNA molecule that carries copies of instructions for the assembly of amino acids into proteins from DNA to the rest of the cell.
9. MEMBRANE Thin layer of tissue that covers a surface, lines a cavity, or divides a space or organ.
10. MONOSACCHARIDES Simple sugars (glucose, fructose, galactose).
11. HYDROPHOBIC "Water-fearing"; pertaining to nonpolar molecules (or parts of molecules) that do not dissolve in water.
12. MONOHYBRID CROSS A cross between individuals that involves one pair of contrasting traits.
13. MEIOSIS Cell division that produces reproductive cells in sexually reproducing organisms.
14. METABOLISM All of the chemical reactions that occur within an organism.
15. LYSOSOME A small, round cell structure containing chemicals that break down large food particles into smaller ones.

isotonic solution

NADPH

monohybrid cross

hibernation

membrane

meiosis

hermaphrodite

hydrophobic

lysosome

lipids

mutualism

metabolism

mitosis

monosaccharides

messenger RNA