

Biology Vocabulary Study Sheet 5

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