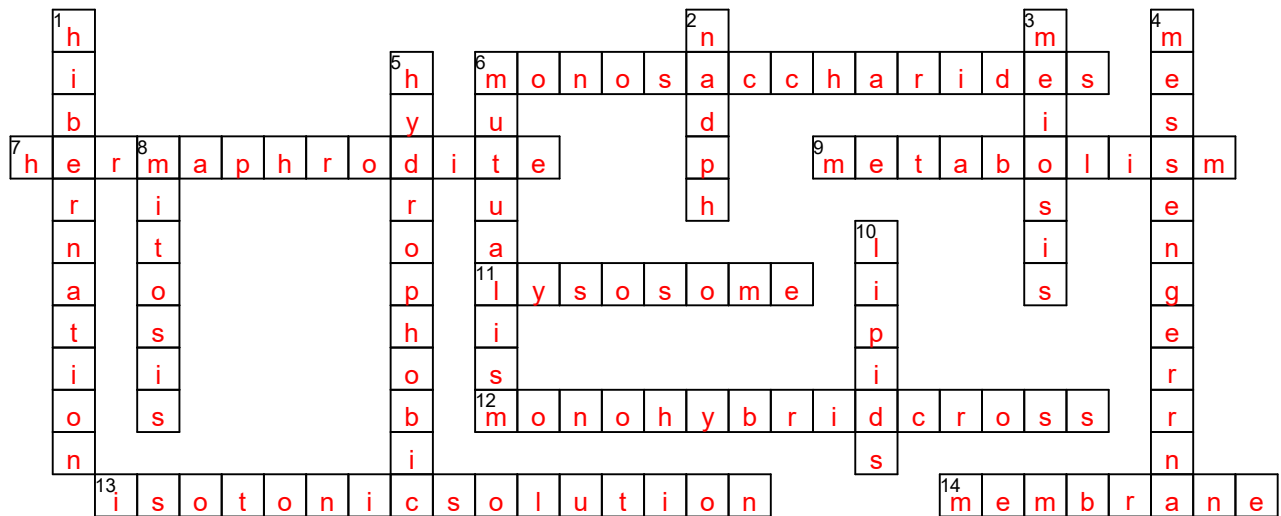


Biology Vocabulary Crossword Puzzle 21

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

6. Simple sugars (glucose, fructose, galactose).
7. An organism that has both male and female reproductive organs.
9. All of the chemical reactions that occur within an organism.
11. A small, round cell structure containing chemicals that break down large food particles into smaller ones.
12. A cross between individuals that involves one pair of contrasting traits.
13. A solution in which the concentration of solutes is essentially equal to that of the cell which resides in the solution.
14. thin layer of tissue that covers a surface, lines a cavity, or divides a space or organ.

DOWN

1. Long-term resting state that is an adaptation to winter cold and food scarcity.
2. An electron carrier involved in photosynthesis.
3. Cell division that produces reproductive cells in sexually reproducing organisms.
4. RNA molecule that carries copies of instructions for the assembly of amino acids into proteins from DNA to the rest of the cell.
5. "Water-fearing"; pertaining to nonpolar molecules (or parts of molecules) that do not dissolve in water.
6. A relationship between two species in which both species benefit.
8. Part of eukaryotic cell division during which the cell nucleus divides.
10. Energy-rich organic compounds, such as fats, oils, and waxes, that are made of carbon, hydrogen, and oxygen.

hermaphrodite
monosaccharides
messenger RNA
hibernation

meiosis
monohybrid cross
membrane
isotonic solution

NADPH
hydrophobic
lysosome
mutualism

metabolism
mitosis
lipids