Exercise 5  (Modules 3.8-3.10)

Review the structures and functions of lipids by completing the following crossword puzzle.

Across
3. ____ means that hydrogen has been added to unsaturated fats.
4. ____ is a steroid common in cell membranes.
6. A ____ is similar to a fat; found in cell membranes.
9. A fat molecule is composed of ____ and three fatty acids.
10. Glycerol and three ____ acids make a triglyceride.
11. ____ is another name for "fat."
12. A ____ forms a waterproof coat that keeps a fruit or insect from drying out.
16. Olive and corn ____ are examples of unsaturated fats.
17. Fats with double bonds are said to be ____.
18. ____ is a lipid-containing deposit in a blood vessel.
19. ____ are grouped together because they do not mix well with water.

Down
1. ____ is a condition where lipid-containing deposits build up in blood vessels.
2. Female and male sex hormones are examples of ____.
5. ____ is an illegal steroid recently banned by the Olympic Committee, FDA, and professional sports.
7. Animal fats are said to be ____.
8. Lipids are water-avoiding, or ____ substances.
13. Unsaturated fats contain more ____ bonds than saturated fats.
14. A ____ is a large molecule whose main function is energy storage.
15. ____ steroids are dangerous synthetic variants of testosterone.