Chapter 29: Lipid Synthesis: Storage Lipids, Phospholipids, and Cholesterol

1. What are the activated precursors for the synthesis of acidic phospholipids? Neutral phospholipids?
2. Can you distinguish between acidic and neutral phospholipids?
3. What are the three stages for cholesterol synthesis?
4. What four ways is cholesterol synthesis regulated? (Briefly describe).
5. How are cholesterol levels reduced by statins?
6. Can you name the different types of lipid proteins and which contain more or less lipids, cholesterol, etc.?
7. What is receptor-mediated endocytosis of LDL? What is the result of a genetic defect in this process?
8. Know key terms.