AP Biology

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CHAPTER 7 STUDY GUIDE

1. Know the components of a cell membrane and be able to label a model. (See figure 7.1 in textbook)
2. Know the function of each of the cell membrane components.
3. Know which molecules pass easily through the membrane and which do not.
4. Know the difference between passive and active transport as well as examples of each.
5. Know which way water will move if a cell is placed in a hypertonic, hypotonic and isotonic solution. (also know the definition of each type of solution)

1. Know the terms flaccid and turgid and the water movement that causes each condition.
2. Know what causes ions to diffuse across membranes.
3. Be able to describe the sodium-potassium pump and how the molecules move.

1. Be able to describe endocytosis and exocytosis as well as types and examples of each.
2. Describe how the contractile vacuole works in a paramecium.