

Plasma Membrane Structure



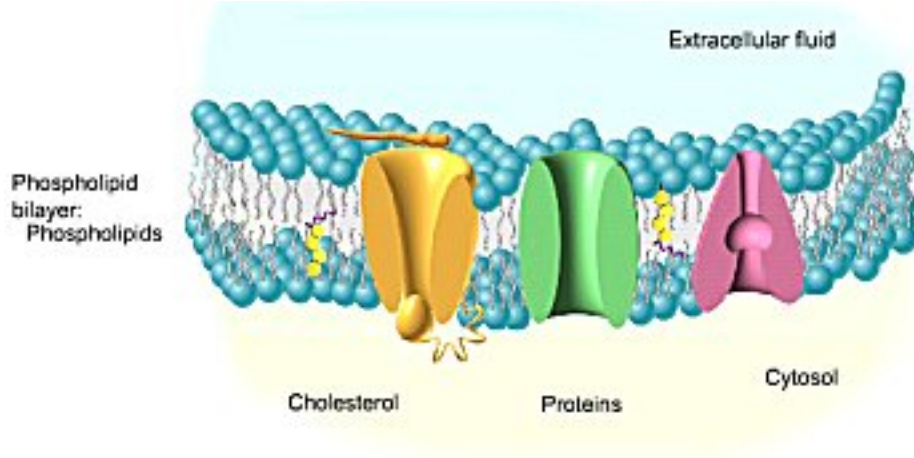
Directions:

Insert and install your Interactions: Foundations CD.

- Click the "Contents" button.
- Open the *Cellular Level of Organization* file.
- Click on *Anatomy Overviews*.
- Work through *Plasma Membrane Structure*.

1. a. Describe the general function of the *plasma membrane*. _____

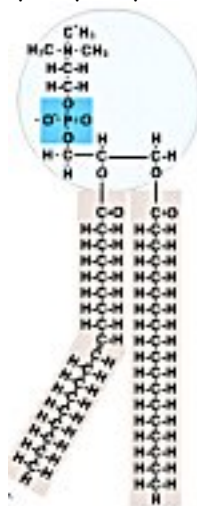
b. Identify each of the following:



2. Click the *Phospholipid* bilayer to investigate more details.

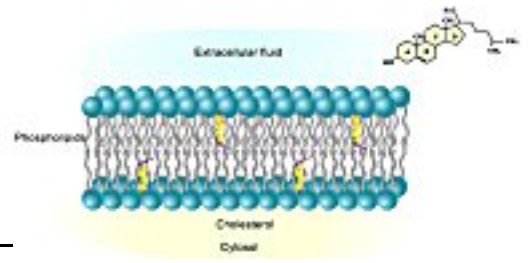
a. Describe phospholipid bilayer structure relative to polar and nonpolar parts of the molecules.

b. Identify the polar and nonpolar parts of a phospholipids molecule.



3. Return to the Plasma membrane homepage and click on *Cholesterol*.

a. Describe the function of cholesterol molecules in the plasma membrane.



4. What functions do membrane proteins have? _____

