

The Fluid Mosaic Model Handout

As you work your way through the fluid mosaic model presentation, answer the following questions to help you collect the relevant information.

1. What is a cell membrane? What are the functions of cell membranes?
2. What is the fluid mosaic model?
3. Listed below are some important components of the cell membrane. Describe their properties and functions as well as where they are located.
 - I. Integral membrane proteins
 - II. Peripheral proteins
 - III. Carbohydrate molecules
 - IV. Cholesterol molecules

5. Cholesterol molecules are aligned with the lipid molecules on both sides of the bilayer. Is cholesterol polar or non-polar? Explain your answer.