

Cell Membrane/Cell Structure Worksheet

1. What type of molecule is the most abundant molecule in most types of membranes?
2. The above molecule is an amphipathic molecule. What does this mean?
3. How are the phospholipid molecules arranged in a cell membrane?
4. What does the “fluid mosaic model” of the cell membrane propose as far as structure of the membrane is concerned?
5. What is an “Integral Protein” and what would be the hydrophobic and hydrophilic structure of this type of protein?
6. What are “Peripheral Proteins”, and what are their general functions?
7. Where are carbohydrate molecules located in association with the cell membrane?
8. What is the usual structure of the cell membrane associated carbohydrates and what is their general function?
9. Protists, plants, fungi, and animals are all composed of \_\_\_\_\_ cells.