

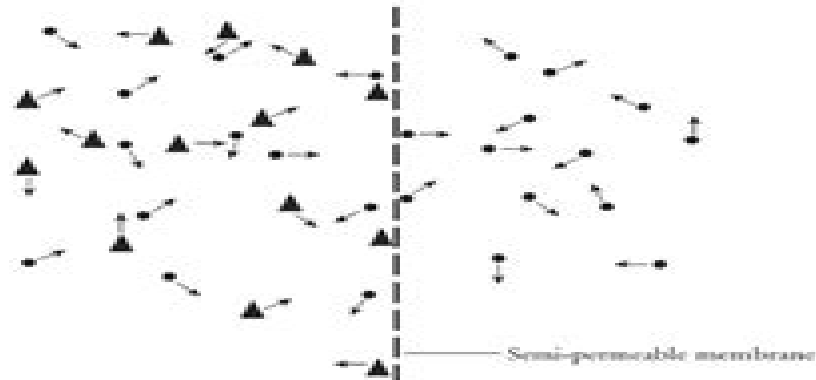
Chapter 3.4 - Membrane Structure and Function

How do substances move in and out of cells?

Why?

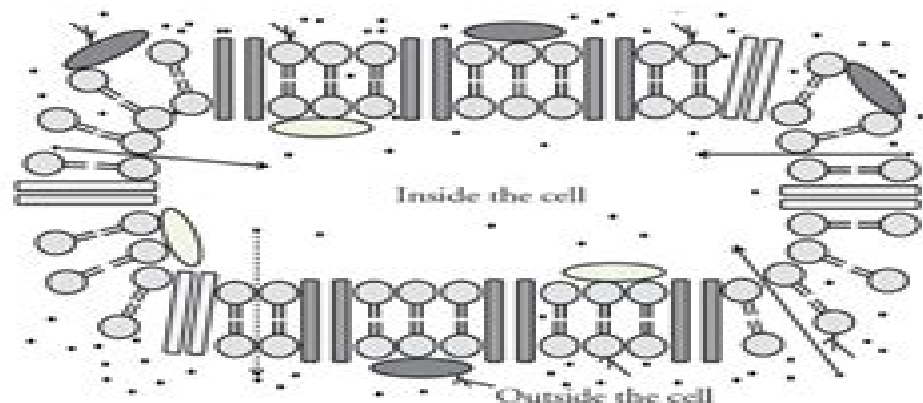
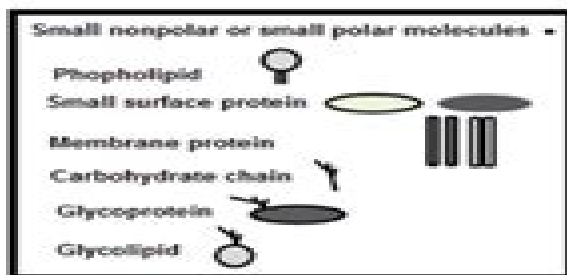
An advertisement for sports drinks, such as Gatorade, PowerAde, and Vitaminwater, etc. seem to be everywhere. All of these drinks are supposed to help your body recover and replenish lost electrolytes, fluids, and vitamins after exercise. But how do the essential molecules contained in these drinks get into your cells quickly to help you recover after exercise?

Model 1 – Simple Diffusion



1. How many different types of molecules are shown in Model 1? **Two**
2. Count and record the number of triangles and circles found on each side of the membrane.
Triangles — 14 on left, none on right; Triangles — 14 on left, none on right
3. Which shape is larger? **Triangle**
4. Describe the direction of the movement of the molecules in Model 1? **Triangle**
5. Which molecules are able to pass through the semi-permeable membrane? Justify your answer.
The dots, because they are small and can fit through the gaps, and because they are shown as equally distributed on both sides of the membrane

Model 2 – The Selectively Permeable Cell Membrane



Membrane Structure And Function Guide Answer Key

Clifford Lane



Membrane Structure And Function Guide Answer Key:

This book delves into Membrane Structure And Function Guide Answer Key. Membrane Structure And Function Guide Answer Key is an essential topic that must be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Membrane Structure And Function Guide Answer Key, encompassing both the fundamentals and more intricate discussions.

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 - Chapter 1: Introduction to Membrane Structure And Function Guide Answer Key
 - Chapter 2: Essential Elements of Membrane Structure And Function Guide Answer Key
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