

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 Function Pogil Answers

Ensheng Dong



Membrane Function Pogil Answers:

Unveiling the Energy of Verbal Beauty: An Emotional Sojourn through **Membrane Function Pogil Answers**

In some sort of inundated with monitors and the cacophony of instant connection, the profound energy and psychological resonance of verbal art usually fade into obscurity, eclipsed by the constant barrage of sound and distractions. However, situated within the musical pages of **Membrane Function Pogil Answers**, a captivating perform of fictional splendor that impulses with organic emotions, lies an wonderful journey waiting to be embarked upon. Composed by a virtuoso wordsmith, this interesting opus guides viewers on a psychological odyssey, softly revealing the latent potential and profound influence embedded within the complex internet of language. Within the heart-wrenching expanse of the evocative examination, we will embark upon an introspective exploration of the book is main styles, dissect their charming publishing design, and immerse ourselves in the indelible impact it leaves upon the depths of readers souls.

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