

## Membrane Structure and Function

How do substances move in and out of cells?

### Why?

Advertisements 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.*  
*Circles – 12 on left, 13 on right.*
3. Which shape is larger?  
*Triangle.*
4. Describe the direction of the movement of the molecules in Model 1?  
*They move in all directions.*
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.*
6. If you left this "system" for an extended period of time and then viewed it again, would you expect to find any changes in the concentrations of the molecules on either side of the membrane? Justify your answer.  
*No, the concentration of triangles will remain high on the left and none on the right as they can't pass through the membrane and the circles will stay evenly distributed on both sides of the membrane due to random movement.*

# Membrane Structure And Function And Dna Pogil Answers

**Benga**



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may 11 2006 what they cannot do i suspect is teach a student how to be original and creative art school confidential the new comedy by terry zwigoff seems to share these sentiments it was written like his ghost world by the artist daniel

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movie info jerome max minghella a freshman at a prestigious art school dreams of making it big but his arrogance and affectations hamper his chances jealous of a clueless jock he

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art school confidential directed by terry zwigoff who needs to make more movies please is a somewhat surreal look at a student s life in art school and all the pretentiousness assumptions and turbulence that comes with it all oh and there s some serial whack job strangling women on campus yeah it starts out strange and then gets stranger

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art school confidential is a 2006 american comedy drama film directed by terry zwigoff and starring max minghella sophia myles john malkovich jim broadbent matt keeslar ethan suplee joel moore nick swardson adam scott and anjelica huston

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may 12 2006 art school confidential directed by terry zwigoff with max minghella sophia myles john malkovich jim

broadbent starting from childhood attempts at illustration the protagonist pursues his true obsession to art school but as he learns how the art world really works he finds that he must adapt his vision to the reality that confronts him

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fwomp 22 may 2006 yesterday i went to my local art theater to watch an art film about a future artist attending art school whew i m glad i got that out but lets chat about this art film shall we here we go it s got a lot going for it first and foremost is an impressive script

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director terry zwigoff presents a scathing satire of art school student existence but derails the movie about a talented young artist well played by max minghella with an artificial sub plot

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summary art school confidential follows talented young artist jerome platz minghella as he escapes from high school to a tiny east coast art school here the boyish freshman s ambition is to become the world s greatest artist sony pictures classics

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about this movie arrow forward art school confidential follows talented young artist jerome platz max minghella as he escapes from high school to a tiny east coast art school here the boyish freshman s ambition is to become the world s greatest artist like his hero picasso

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art school confidential year 2006 running time 102 min country united states director terry zwigoff screenwriter daniel clowes comic daniel clowes cast music david kitay cinematography

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Özet jerome genç bir sanatçı adayı gözünü biraz yukarılara dikmiş dünyanın en iyi sanatçısı olmak istiyor eğitimli bir sanatçı olmaya karar veriyor ve alanında son derece önemli bir okula kayıt yaptırıyor fakat zamanla farkediyor ki kendisinde bir tutukluk var ve sanat dünyasında yükselmek o kadar da kolay olmayacak

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surrounded by a collection of art school clichéd misfits and a cloud of mystery on the campus due to a strangler who has murdered many young female art students jerome plies his considerable talent and is smitten by an older young woman audrey sophia myles

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may 5 2006 overview starting from childhood attempts at illustration the protagonist pursues his true obsession to art school but as he learns how the art world really works he finds that he must adapt his vision to the reality that confronts him

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art school confidential follows jerome an art student who dreams of becoming the greatest artist in the world arriving as a freshman at a prestigious east coast art school filled with every artsy type there is jerome quickly discovers his affected style

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and actress who burst onto the pop music scene in the early 2010s and became one of the genre's most successful performers known for her four octave range grande began singing and acting when she was young in 2008 she

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