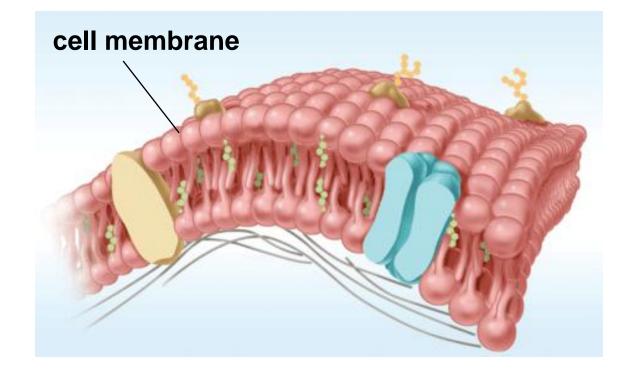
KEY CONCEPT The cell membrane is a barrier that separates a cell from the external environment.



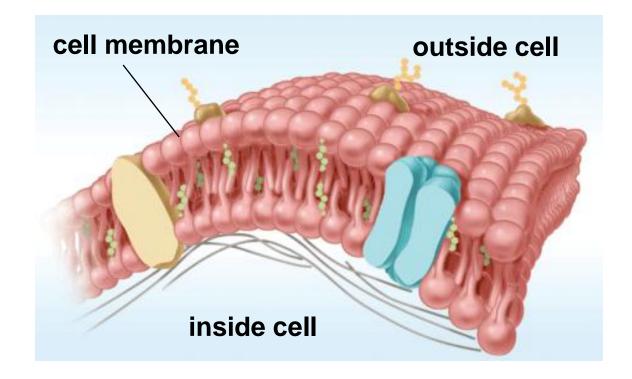
Ch 3: Cell Membrane

Cell membranes are composed of two phospholipid layers.

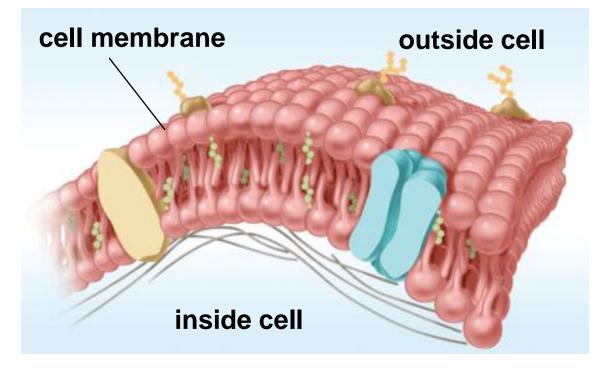
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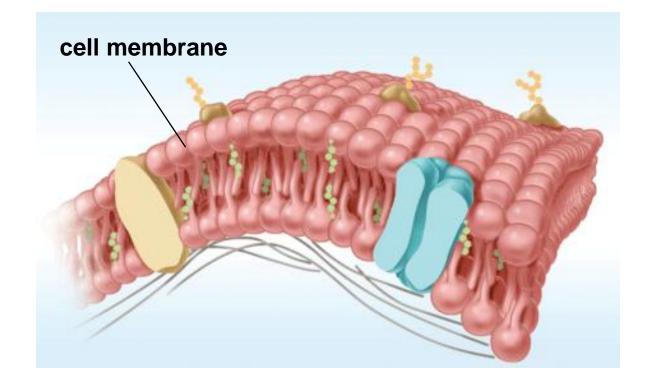
- Cell membranes are composed of two phospholipid layers.
 - The cell membrane has two major functions.
 - forms a boundary between inside and outside of the cell
 - controls passage of materials



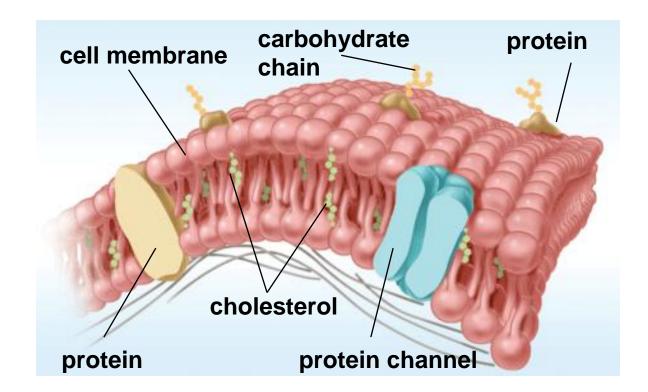
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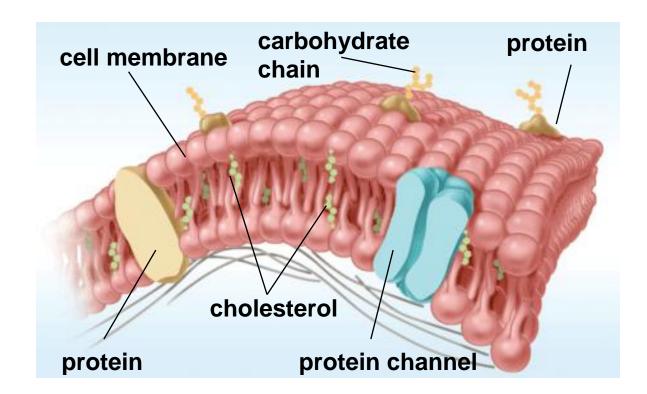
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 - There are other molecules embedded in the membrane.



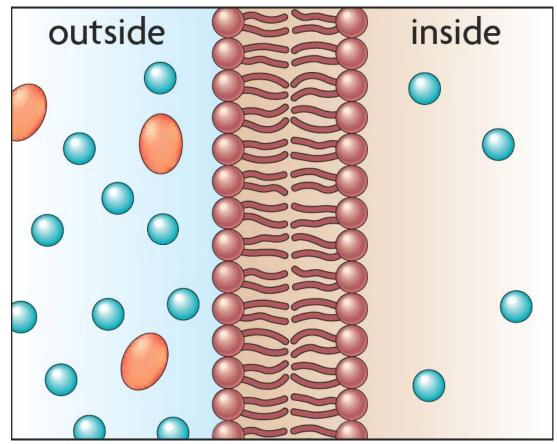
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 - The cell membrane is made of a phospholipid bilayer.
 - There are other molecules embedded in the membrane.
 - The fluid mosaic model describes the membrane.



Ch 3: Cell Membrane

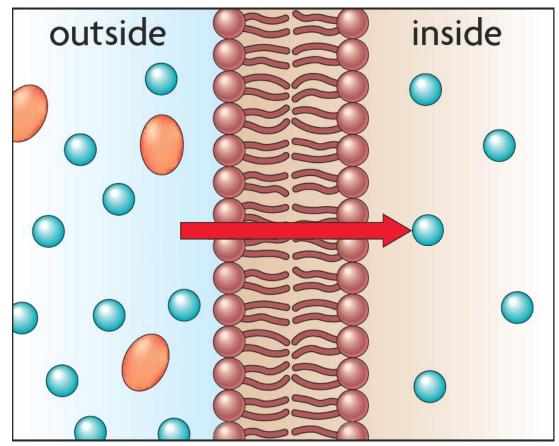
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 - The cell membrane is selectively permeable.



Some molecules can cross the membrane while others cannot.

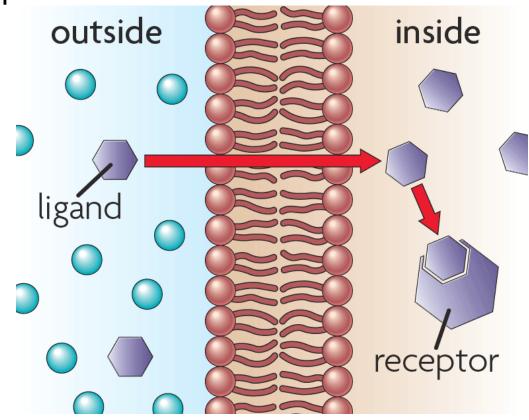
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