

Biophysics

Fifth lecture

Cellular membranes

Second stage

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What are membranes?

Membranes cover the surface of every cell, and also surround most organelles within cells. They have a number of functions, such as:

- keeping all cellular components inside the cell
- allowing selected molecules to move in and out of the cell
- isolating organelles from the rest of the cytoplasm, allowing cellular processes to occur separately.
- a site for biochemical reactions
- allowing a cell to change shape.

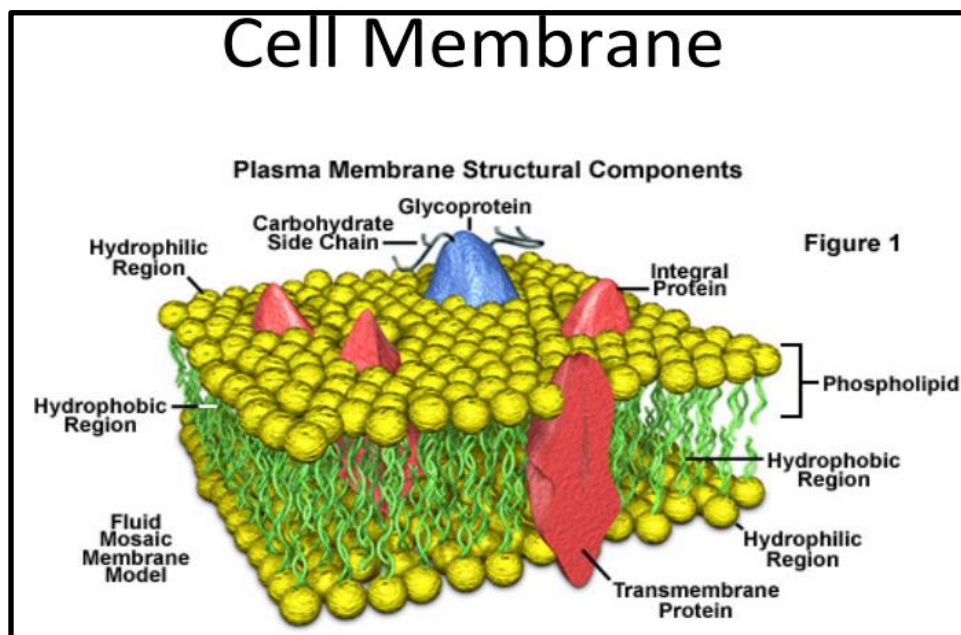


Fig 1. Shows the cell dinner and its components