

Source: [\[KBhBIO101StructuresOfLipids\]](#)

1 | Cell Membrane

Fluid mosaic model of cell membrane

This is a lovely model for a potential way that cell membrane transport could happen. It is also the most (?) commonly accepted model.

See [\[KBhBIO101FluidMosaic\]](#)

2 | Cell Transport

How chemicals get in + out of the cell

Passive diffusion

“Passive... Passive Diffusion”: Non-Polar things simply “fall in” in the direction of chemical gradient

“Facilitated Diffusion”: polar molecules selectively get through protean channels

Active diffusion

“Active transport”: ATP shepherds elements in

“Bulk transport”:

- Large item transport across the plasma membrane
- Transport vesicles brakes off membrane to receive elements, recycled back later
- Exocytosis and Endocytosis