Source: [KBhBIO101CellMembraines]

1 | Fluid mosaic model of cell membrane

Some Phosopholipids connected as a “phosolipid bi-layer” (see [KBhBIO101StructuresOfLipids] structure

- Charged head
- Nonpolar tail

So, head aligns and tail aligns, creating the basic structure of the membrane:

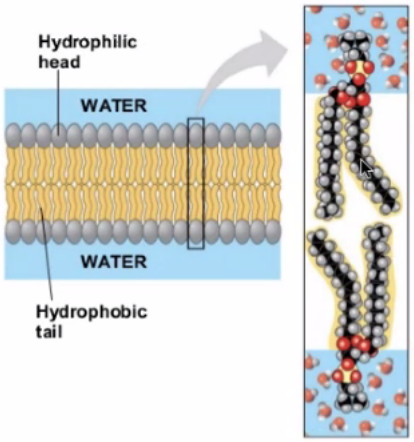

Figure 1: Screen Shot 2020-09-09 at 3.08.10 PM.png

This is called the “fluid mosaic” model because there is nothing holding these together.

Stuff in the membrane

Cholesterol

Helps cells communicate

Proteans

- Makes sure the right molecules gets in/out
- Nonpolar Oxygen + CO2 could easily get through
- Polar and charged molecules can’t get through, unless…
- Channeled proteins let specific polar particles through

Through various [KBhBIO101CellMembraines] protean transports, chemicals could get in and out of the cell.