

Cell Membrane

• Phospholipid Bi-Layer

* Fluid Mosaic Model

• Plasma Membrane

* Job: Controls what enters + Exits the cell → Selectively Permeable

- Allows nutrients in cell
- Waste is Released from cell

* 3 substances that make up cell Membrane: Phosphate (Head), 2 Fatty Acid chains (Tail)

(Choose/pick) (to move/go through)

glycerol Backbone (cholesterol → Lipid)

3 other components to phospholipid Bi-layer:

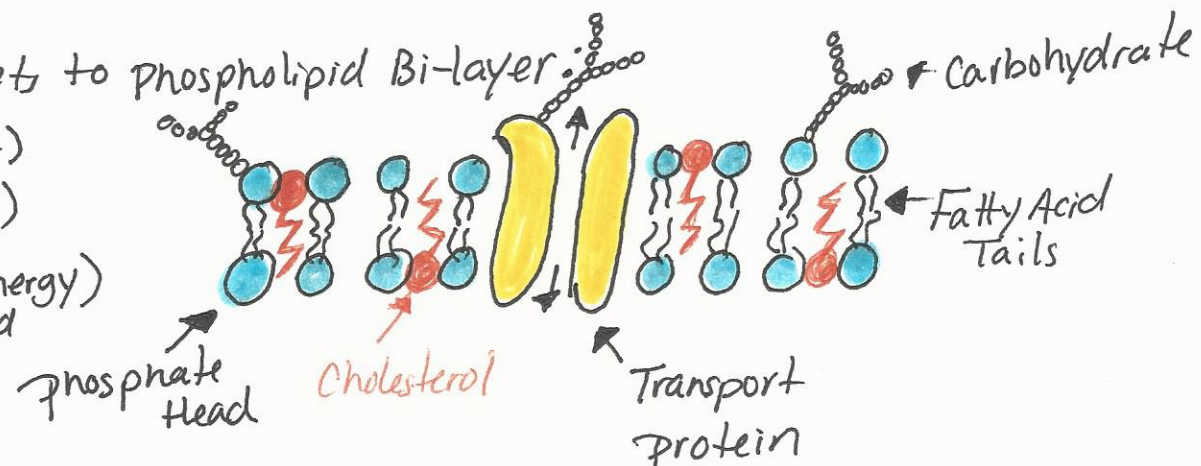
- Protein (Transport)
- Cholesterol (Lipid)
- Carbohydrates (Energy)

Phosphate Head

- Hydrophilic
- Polar

Fatty Acid Tails

- Hydrophobic
- Non-polar



Transport Proteins: Support & Structure of the Cell membrane, allowing substances in + out of cell.

Cholesterol: Prevent Fatty Acid Tails from sticking together.