



Cell Membranes

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📅 Class	Cells to Systems

▼ Cell Membranes

- Surrounds cells
- Acts as barrier between cell and environment
- Partially permeable- Controls what substances exit and enter the cell

▼ Fluid Mosaic Structure

- Describes molecule arrangement in membrane
- Phospholipids form bilayer which constantly moves
- Bilayer contains cholesterol molecules and proteins scattered in the layer
- Receptor proteins on membrane surface detects chemical release
- Certain proteins have polysaccharide chain attached to it, making it a glycoprotein

▼ Phospholipids

- Contains head and tail, head being hydrophilic and tail is hydrophobic
- Molecules arrange into bilayer
- Centre of layer is hydrophobic
- Side of the membrane is hydrophilic