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| Aquaporin (p. 210) |  |
| Carrier or channel proteins (p209, paragraph 5) |  |
| Cell membrane or plasma membrane(p 193 or glossary) |  |
| Chemical identification tagalso called carbohydrate chainpage 205, paragraph 1 |  |
| Phospholipid bilayer(page 204) |  |
| Protein pumpOr active transport protein(page 212) |  |
| Receptor (glossary) |  |
| Selectively permeable (page 205) |  |
| Integral membrane protein | A protein that extends through the entire cell membrane & extends out into extracellular fluid & into cytoplasm. Integral membrane proteins include all carrier proteins & pumps, as well as aquaporin. |
| Peripheral membrane protein | A protein that extends through only the outer or inner layer of the cell membrane & extends either into extracellular fluid **OR** into cytoplasm. These include many cell identification tags w/ attached carbohydrates & also proteins that change cell shape by attachment to cytoskeleton. |
| Hydrophobicp204 |  |
| Hydrophillicp204 |  |
| Fluid mosaic modelp205 |  |