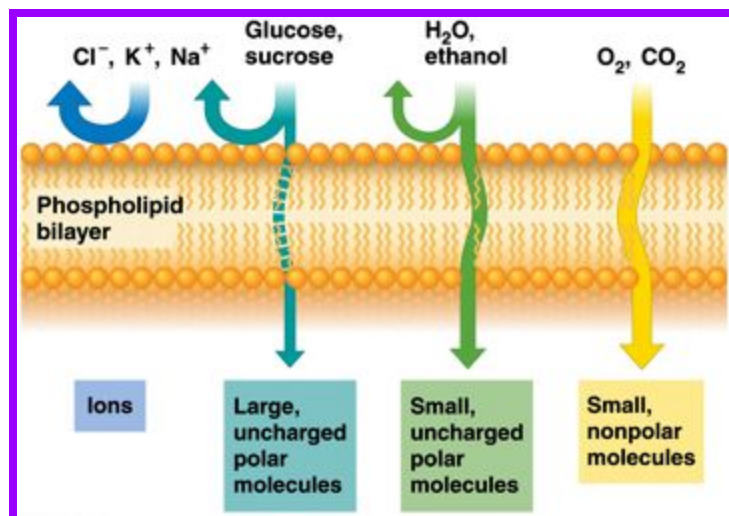


everything is based on electronegativity!

- A summary of what gets in and what stays out:



- **Key points from the end of Cellular Chemistry:**

- Electronegativity and its role in giving molecules characteristics.
- What is a covalent bond?
- What makes phospholipids form a bilayer?
- Functional groups
- Why is carbon the central molecule for life?
- Good question: How will high temperature affect the interactions of the bilayer?
 - Increasing temperature = increasing vibrations in the cell. If the water molecules are bumpin' in da club, the bilayer will get LEAKY.

- **Proteins-- extremely important!**

- Proteins fall into 5 categories:
 - Enzymes-- we love 'em
 - Structural proteins
 - Motility proteins
 - Regulatory proteins
 - Transport proteins
- Drawing an amino acid:
 - Draw the amino on the left side*
 - All amino acids are the L form-- meaning that the amino is on the left side. In contrast, the D form has the amino on the right.

