

Source: [\[KBhBIO101Watah\]](#)

## 1 | Bonding

### Dipole-Dipole Bond

- Concentrated electron cloud
- “Sharing” or electron cloud
- Might get disrupted
  - by temperature
    - Molecules move around more and bonds may be loosened or broken
  - pH
    - Acids donate charge and bases accept them
    - Changed pH might screw up the amino acid charges

### Hydrogen Bond

- Subset of Dipole-Dipole bond
- Hydrogen with Oxygen, Nitrogen, Chlorine, Fluorine

(Incomplete)