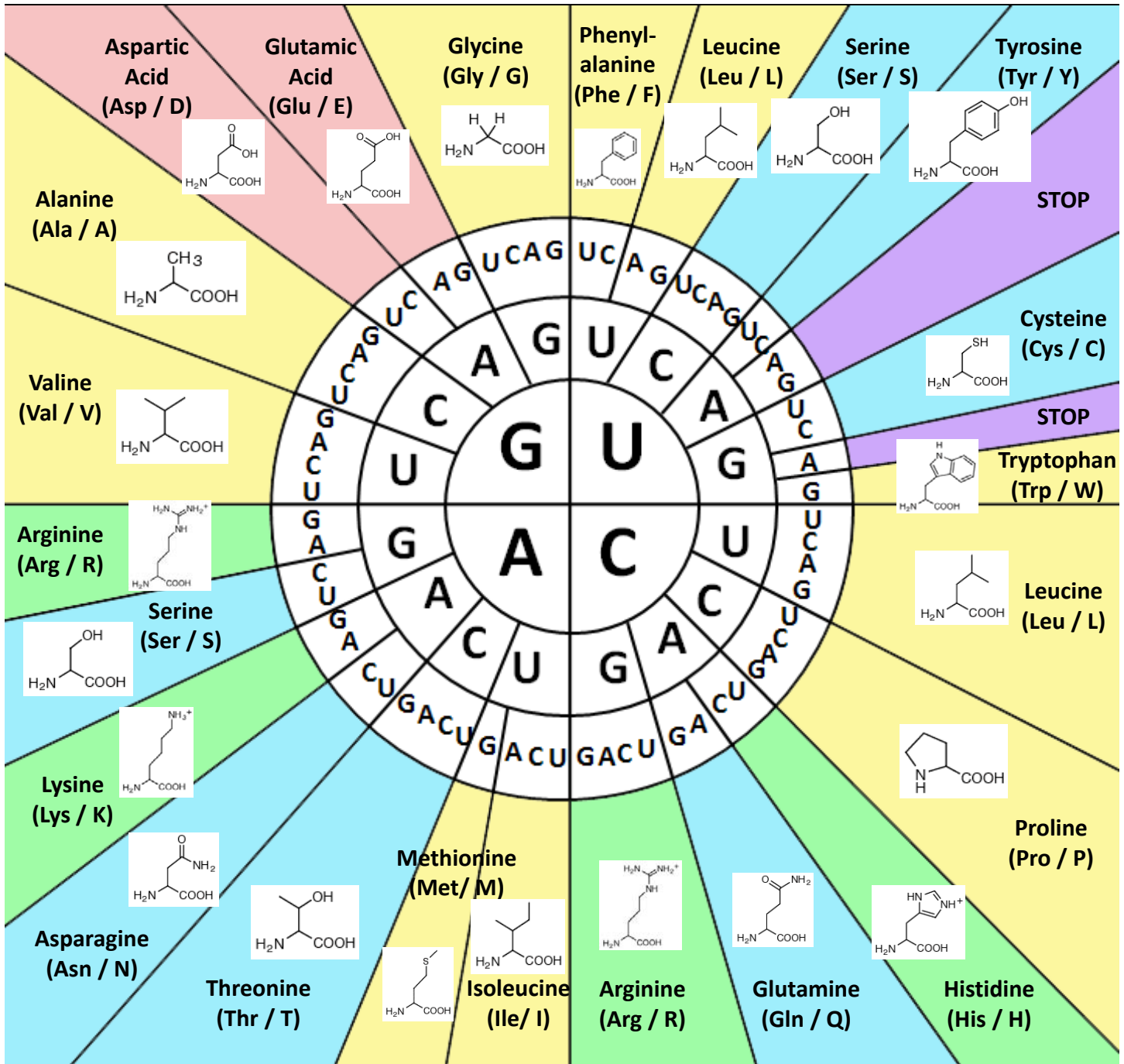


Codons and Amino Acid Chemistries



Amino Acid Side Chain (R-Group):



Amino Acid Backbone: $\text{H}_2\text{N}-\text{CH}-\text{C}-\text{OH}$



Side Chain (R-Group) Chemistry:

- Hydrophobic / Nonpolar
- Hydrophilic / Polar
- Acidic / Negative
- Basic / Positive