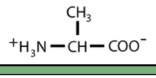
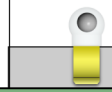
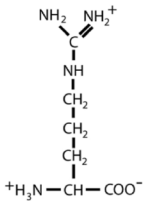
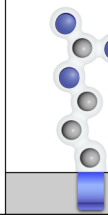
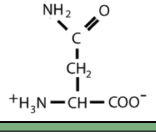
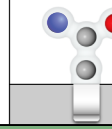
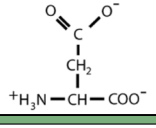
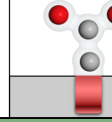
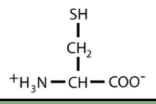
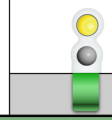
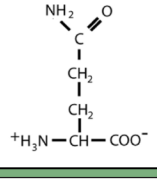
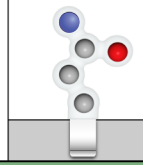
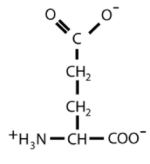
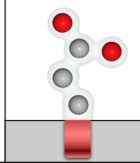
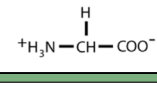
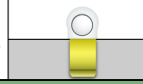
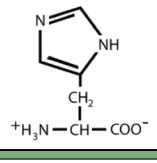
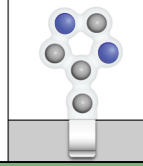
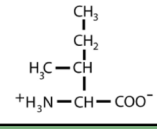
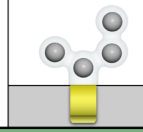
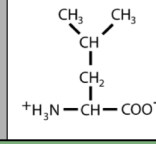
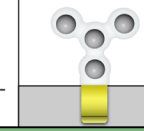
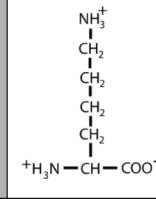
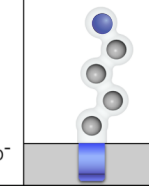
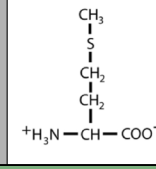
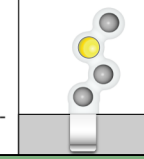
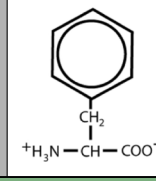
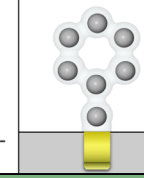
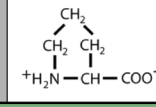
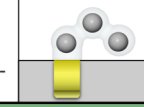
3D Molecular Designs
...where molecules become real™

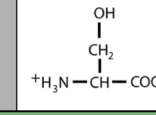
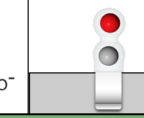
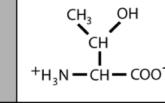
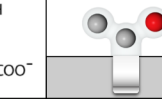
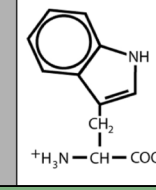
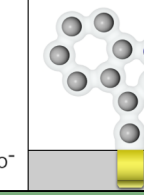
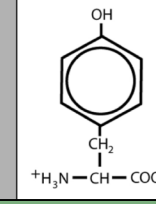
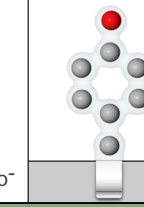
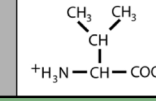
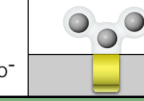
Amino Acid Side Chain Chart

Center for BioMolecular Modeling

Name	Amino Acid	Sidechain
Alanine Ala A		
Arginine Arg R		
Asparagine Asn N		
Aspartic Acid Asp D		
Cysteine Cys C		

Name	Amino Acid	Sidechain
Glutamine Gln Q		
Glutamic Acid Glu E		
Glycine Gly G		
Histidine His H		
Isoleucine Ile I		

Name	Amino Acid	Sidechain
Leucine Leu L		
Lysine Lys K		
Methionine Met M		
Phenylalanine Phe F		
Proline Pro P		

Name	Amino Acid	Sidechain
Serine Ser S		
Threonine Thr T		
Tryptophan Trp W		
Tyrosine Tyr Y		
Valine Val V		

Atom Color Key

Carbon · Oxygen · Nitrogen · Sulfur · Hydrogen

Amino Acid Property Key

Amino acid clip color and name color indicate property

Negative Charge · Positive Charge · Hydrophilic · Cysteine · Hydrophobic