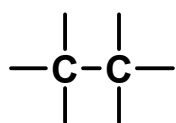
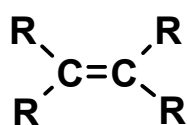


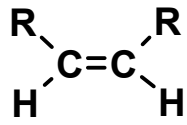
Principles of Toxicology
Functional Groups



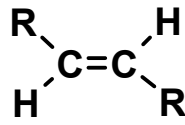
Alkane



Alkene



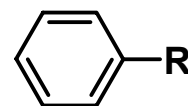
cis-



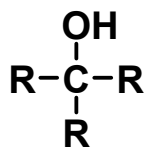
trans-



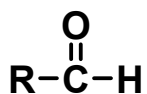
Alkyne



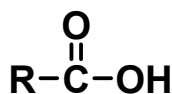
Aryl



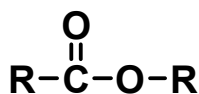
Alcohol



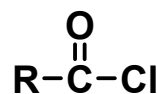
Aldehyde



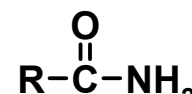
Carboxylic
Acid



Ester



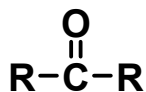
Acid
Halide



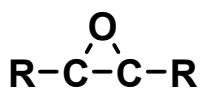
Amide



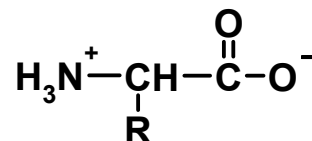
Ether



Ketone



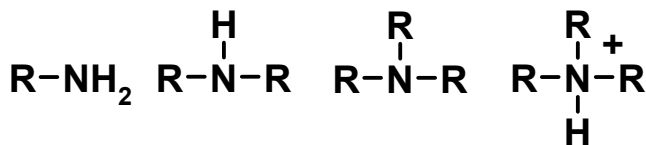
Epoxide



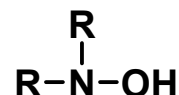
Amino Acid Backbone



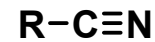
Nitro



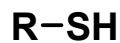
Amines
(1°, 2°, 3° and 4°)



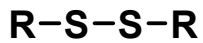
Hydroxyl
Amine



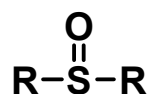
Nitrile or
Cyano



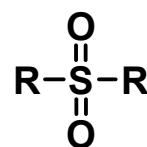
Sulfhydryl
(Reduced)



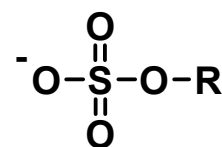
Disulfide Bond
(Oxidized)



Sulfoxide



Sulfone



Sulfate