

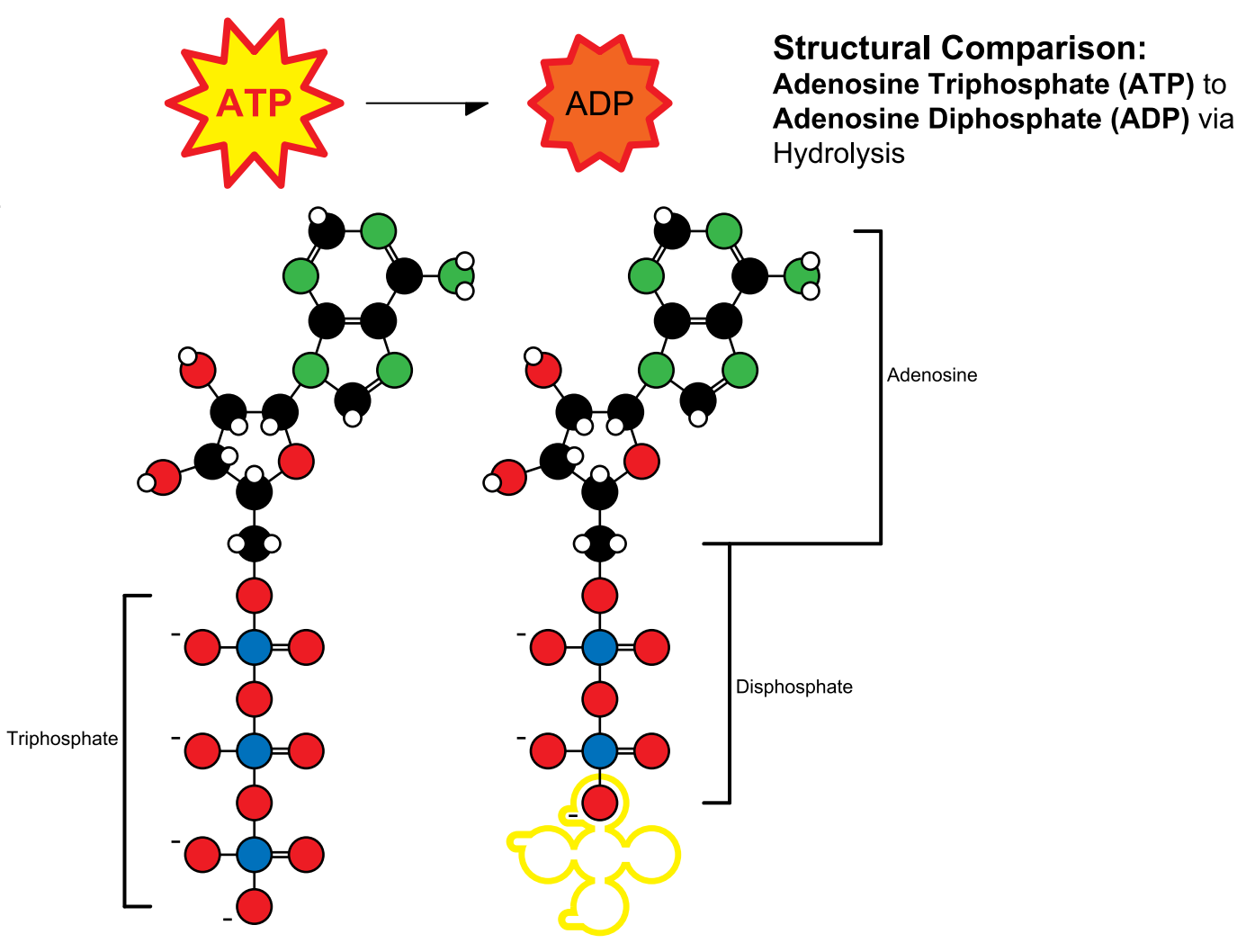
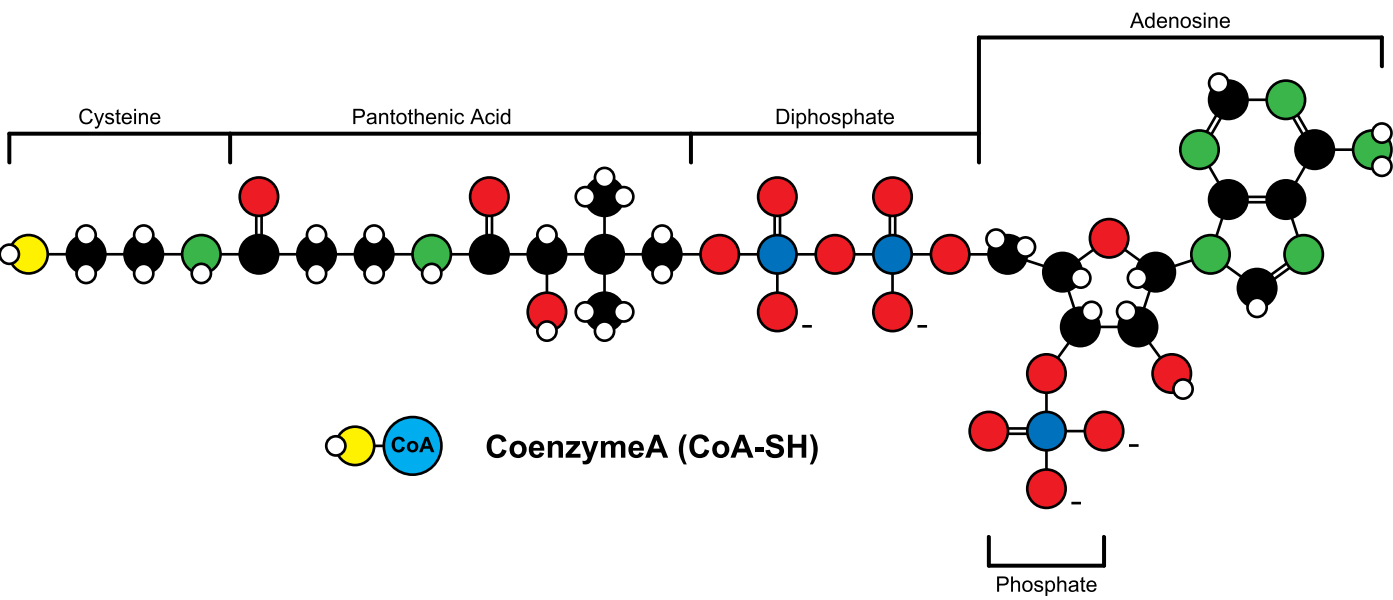
LEGEND

- Hydrogen
- Carbon
- Nitrogen
- Oxygen
- Sulfur
- Phosphorus

●

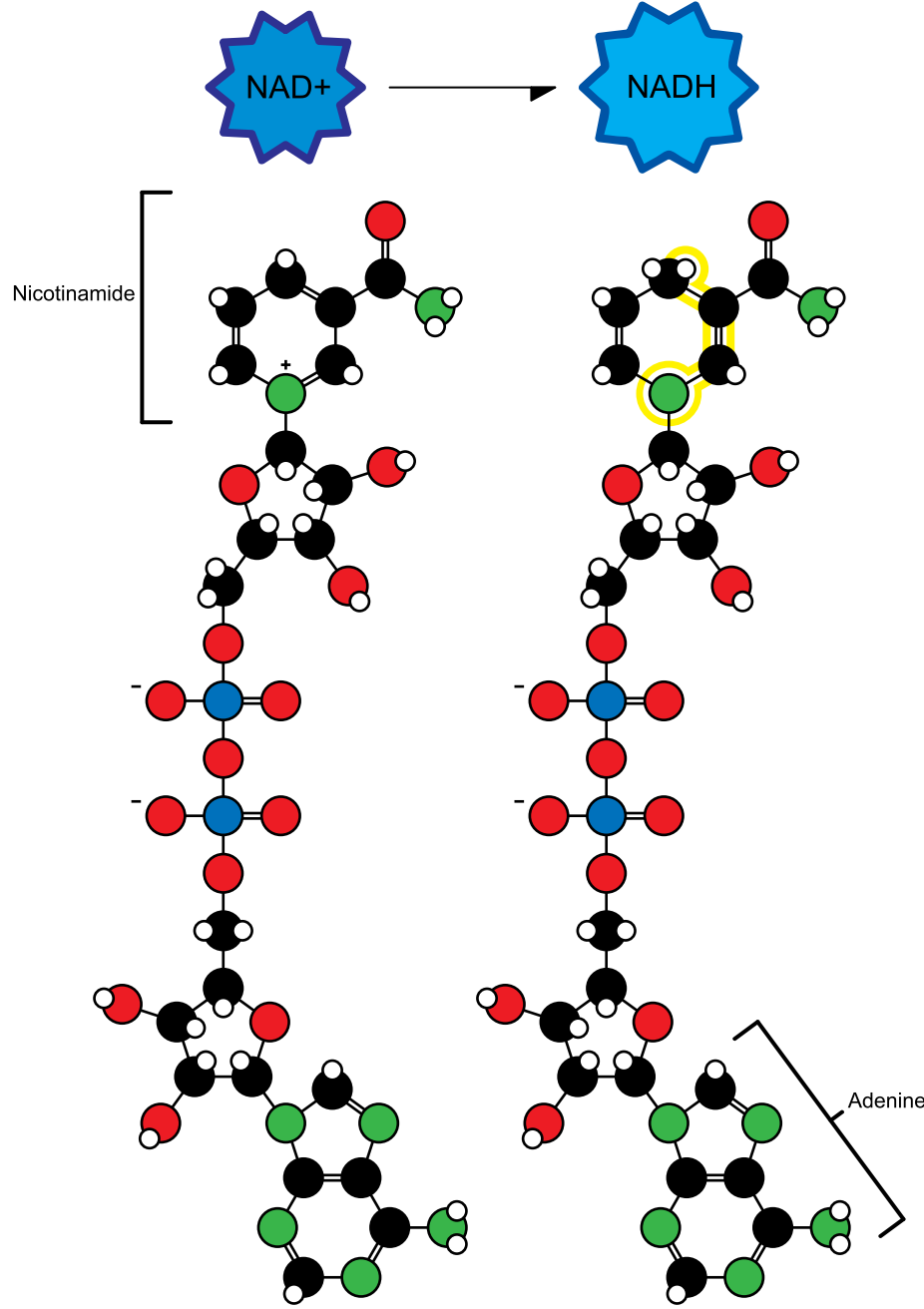
PI

Inorganic Phosphate

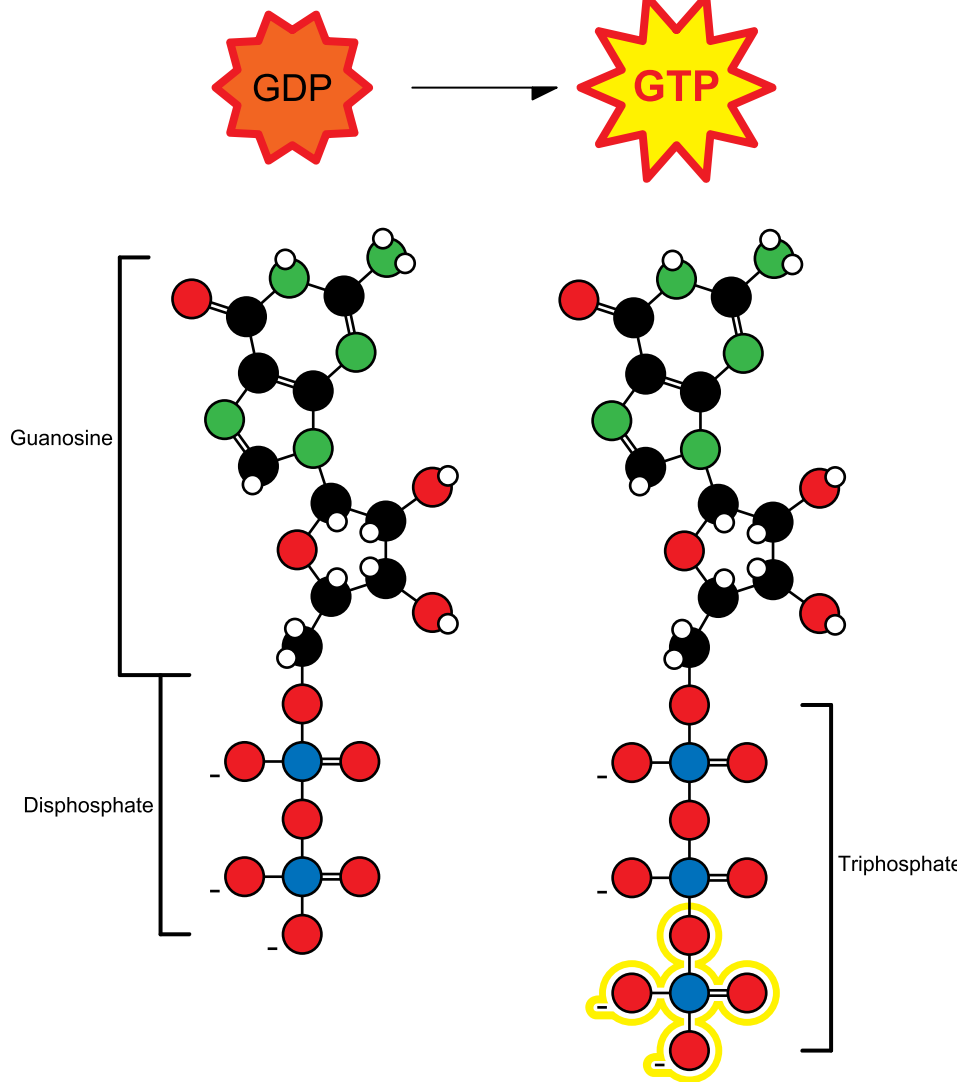


Structural Comparison:
Adenosine Triphosphate (ATP) to
Adenosine Diphosphate (ADP) via
Hydrolysis

Structural Comparison:
Nicotinamide Adenine Dinucleotide (NAD⁺)
and its reduced form (NADH)



Structural Comparison:
Guanosine Disphosphate (GDP)
to Guanosine Triphosphate (GTP) via
Dephosphorylation by GTPases



Structural Comparison:
Flavin Adenine Dinucleotide (FAD)
and its reduced form (FADH₂)

