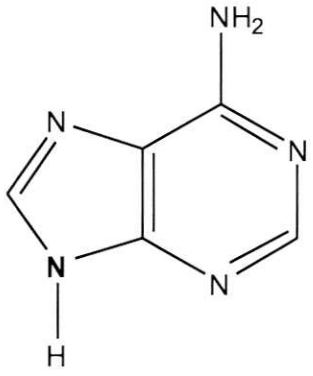
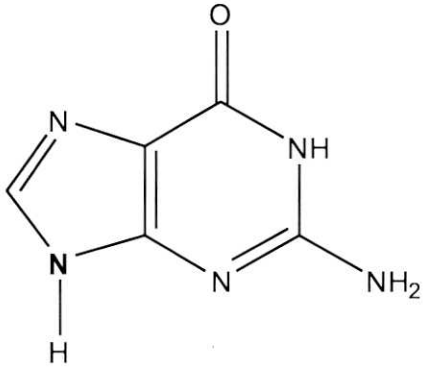
Nitrogen Bases

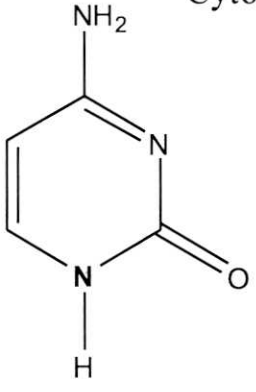
Adenine



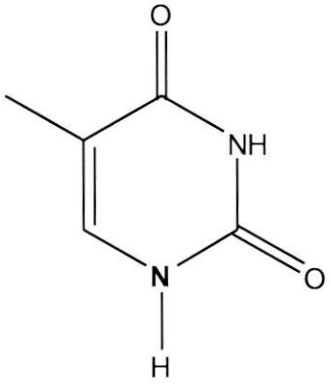
Guanine



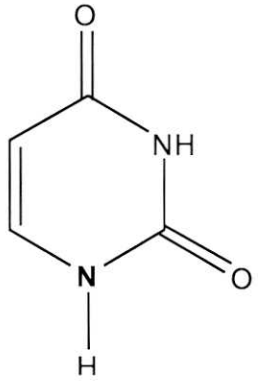
Cytosine



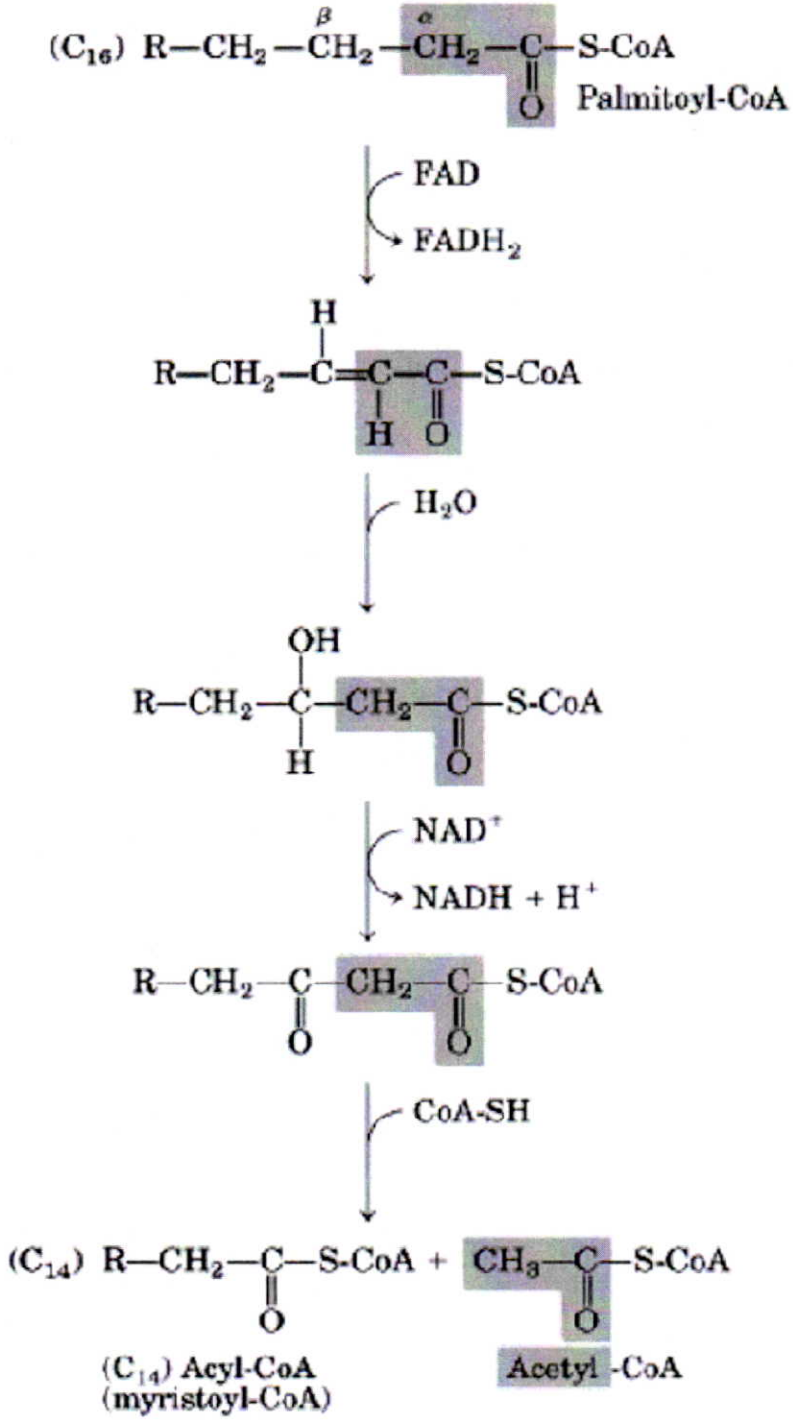
Thymine

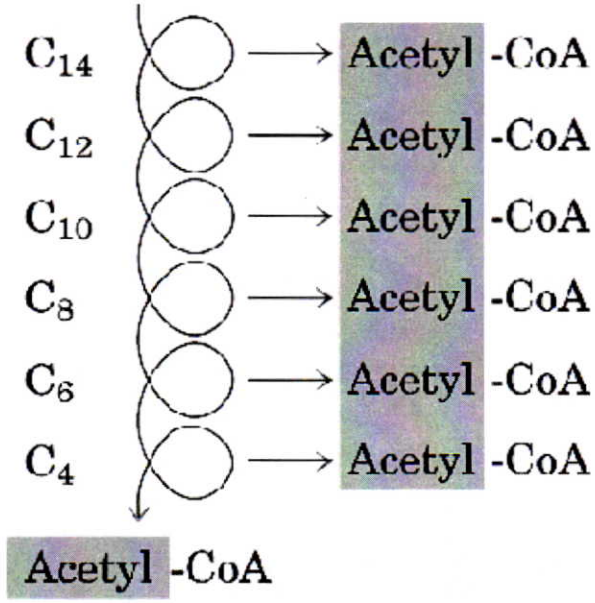


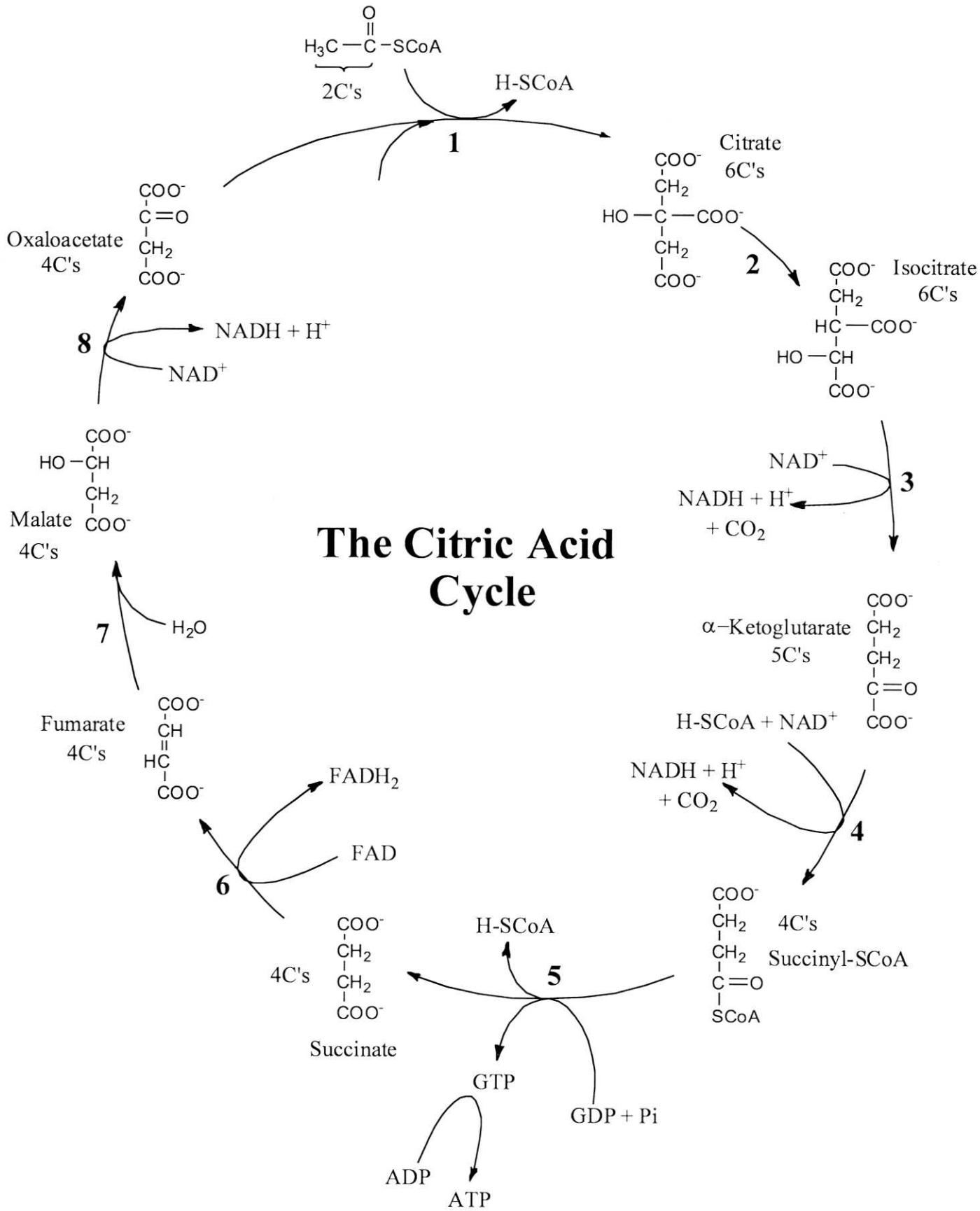
Uracil



Oxidation of Fatty Acids
(β—oxidation)






The Citric Acid Cycle
2C's
H-SCoA
1
Citrate
6C's
2
Isocitrate
6C's
NAD+
NADH + H+
+ CO2
3
α–Ketoglutarate
5C's
H-SCoA + NAD+
NADH + H+
+ CO2
4
4C's
Succinyl-SCoA
H-SCoA
5
4C's
Succinate
GTP
GDP + Pi
ADP
ATP
FADH2
FAD
6
Fumarate
4C's
H2O
7
Malate
4C's
NADH + H+
NAD+
8
Oxaloacetate
4C's