

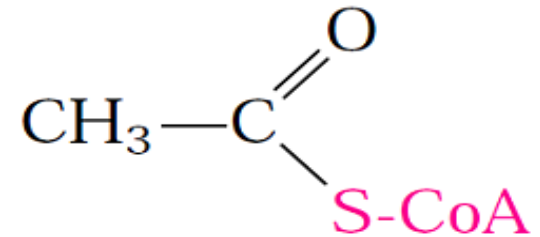
Ketone bodies

7th week

Acetyl-CoA

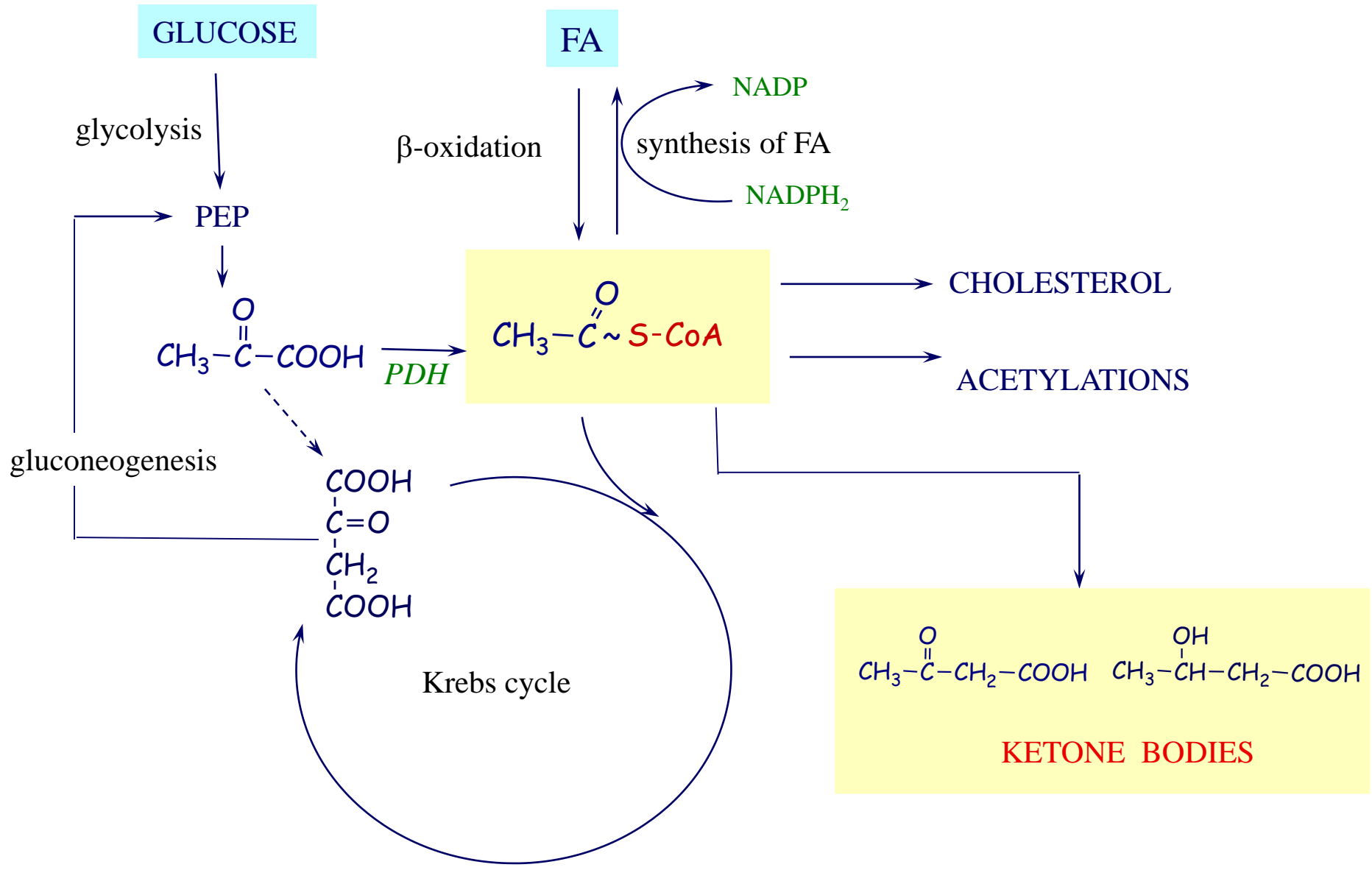
Formation of acetylCoA

- β -oxidation of fatty acids
- oxidative decarboxylation of pyruvate
- from amino acids (glucogenic, ketogenic)

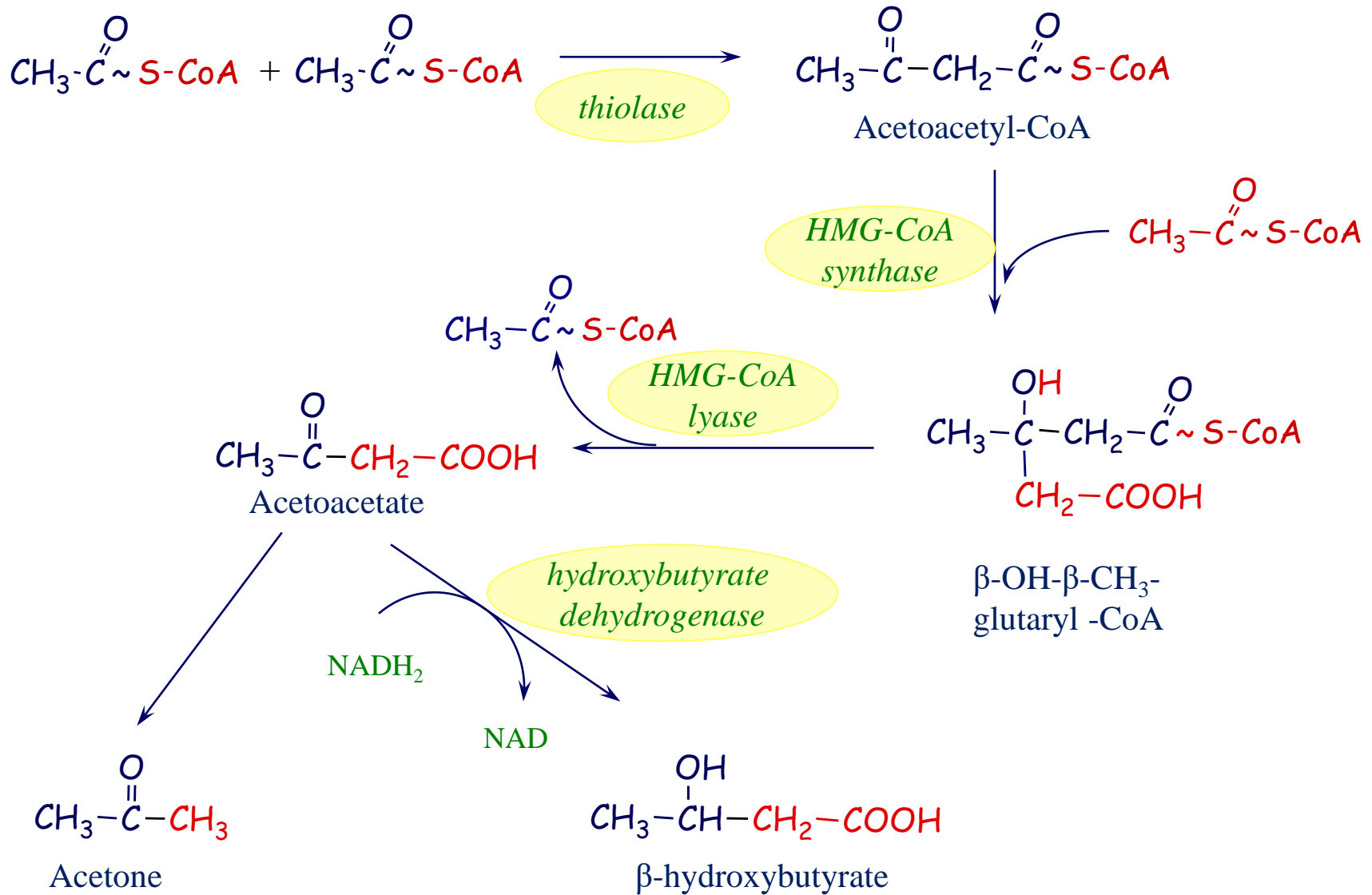


Utilization of acetylCoA

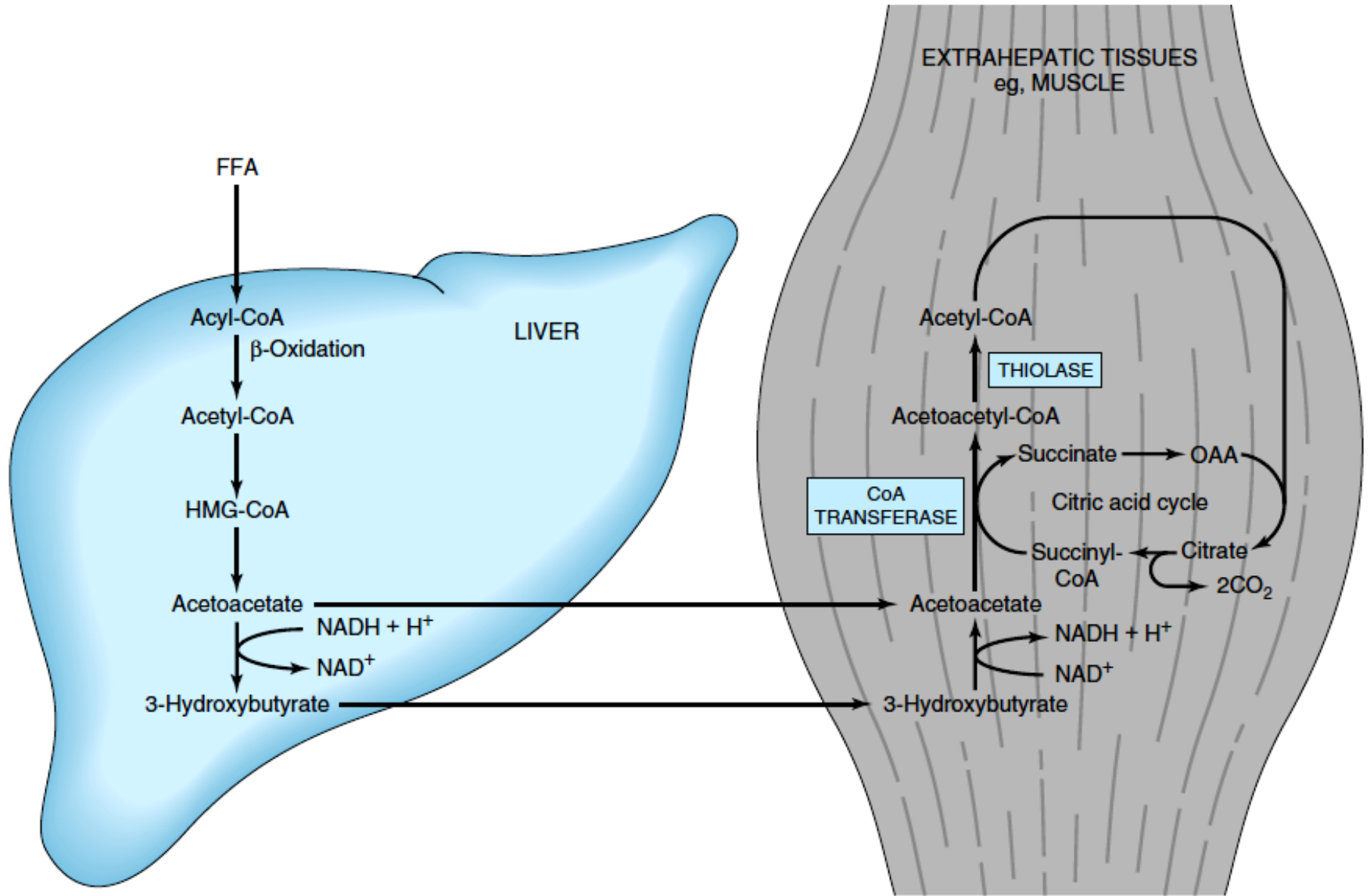
- Krebs cycle – formation of energy
- fatty acids synthesis
- steroids synthesis
- transacylation reactions
- ketogenesis (formation of ketone bodies)



Synthesis of ketone bodies



Utilization of ketone bodies



Utilization of ketone bodies

