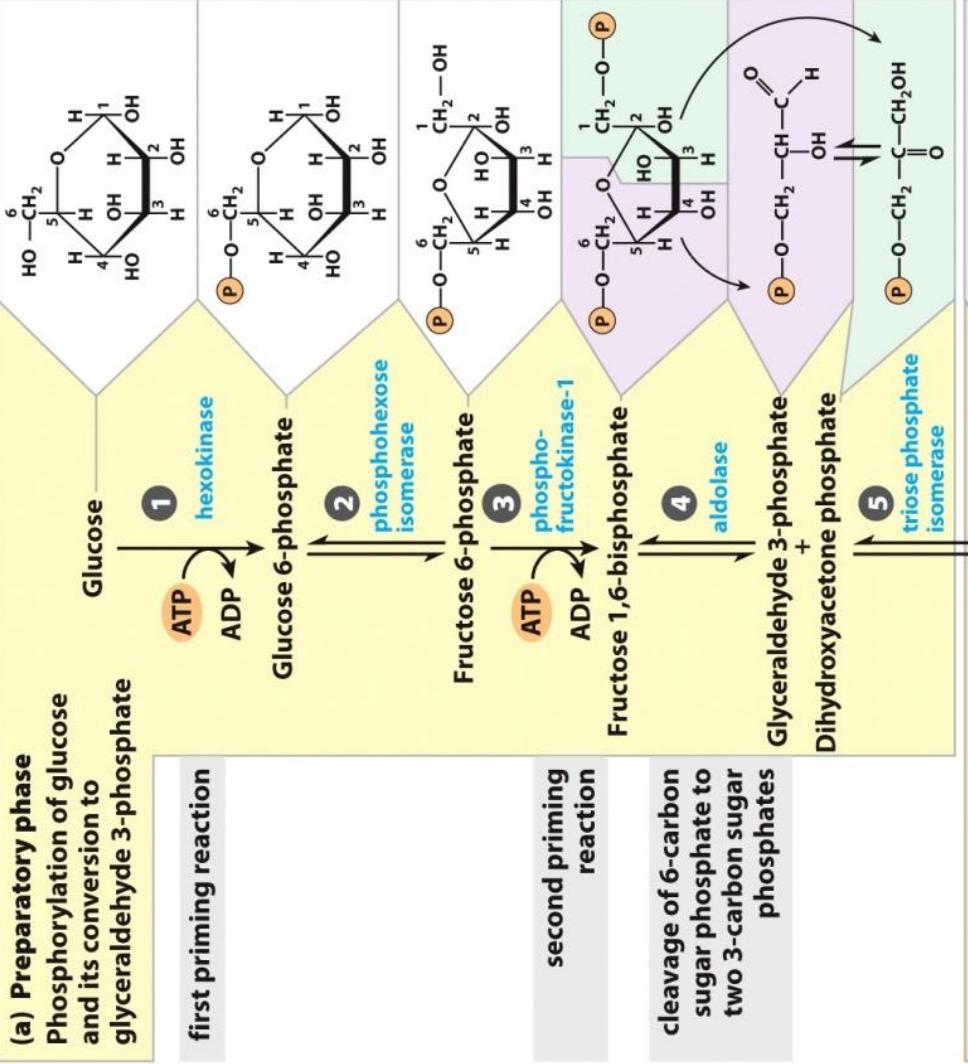


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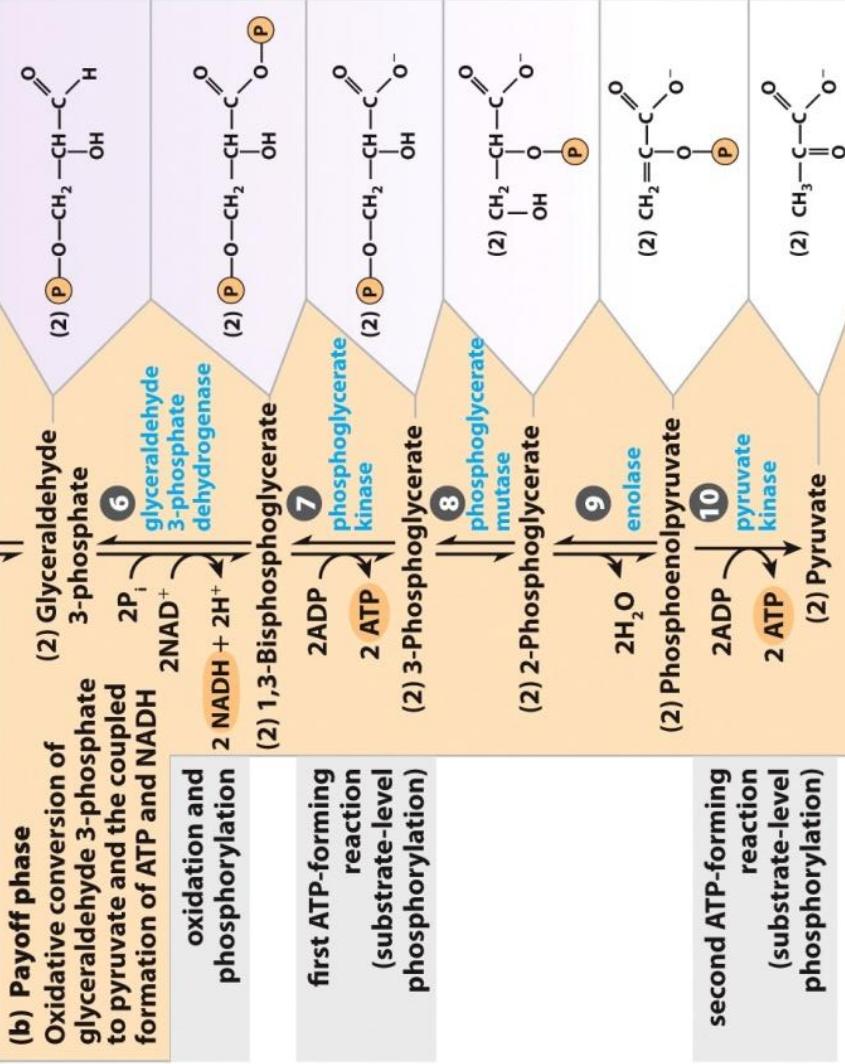
CHAPTER 14
Glycolysis, Gluconeogenesis, and the
Pentose Phosphate Pathway

(a) Preparatory phase
Phosphorylation of glucose and its conversion to glyceraldehyde 3-phosphate



(b) Payoff phase

Oxidative conversion of glyceraldehyde 3-phosphate to pyruvate and the coupled formation of ATP and NADH



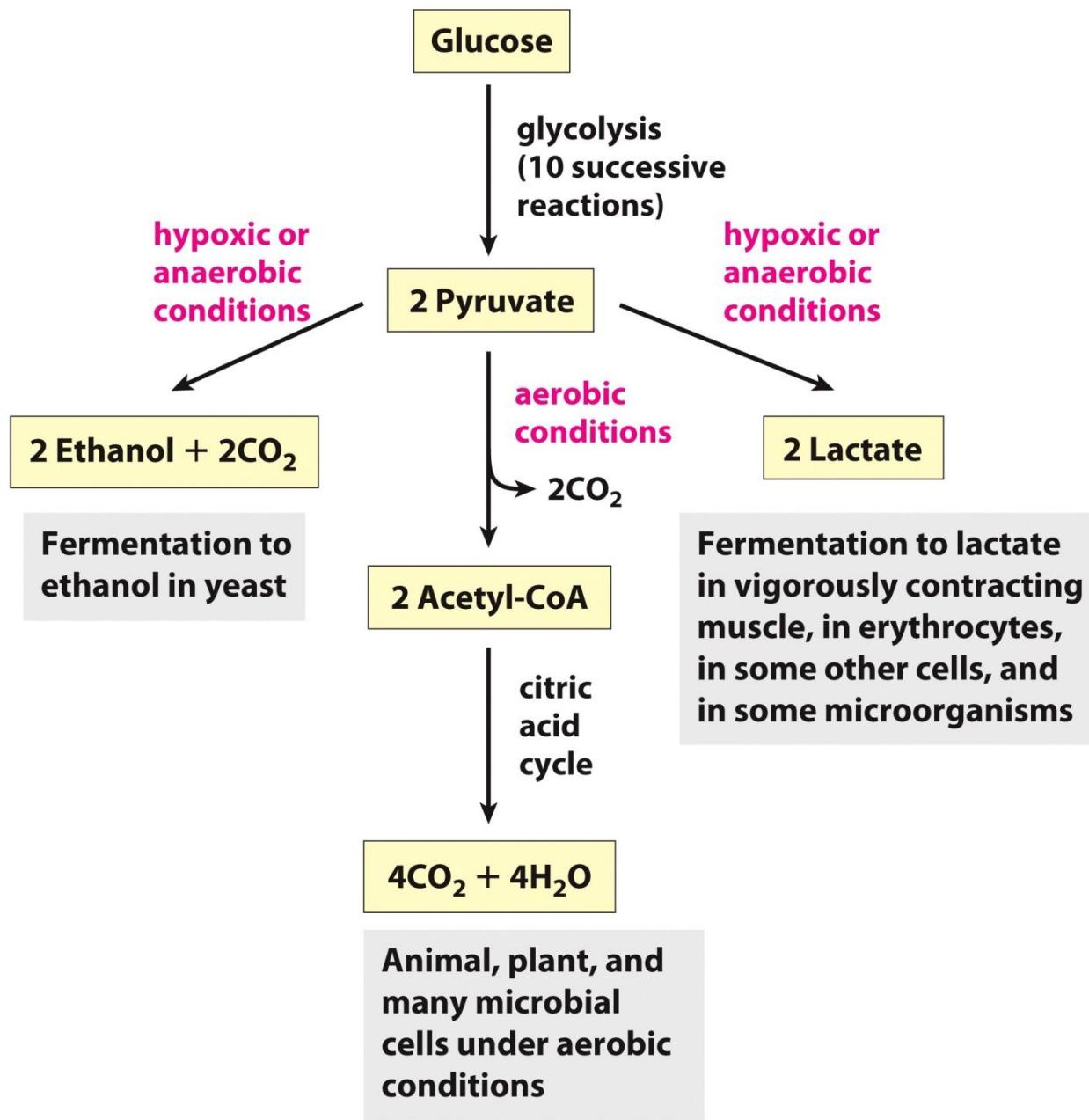


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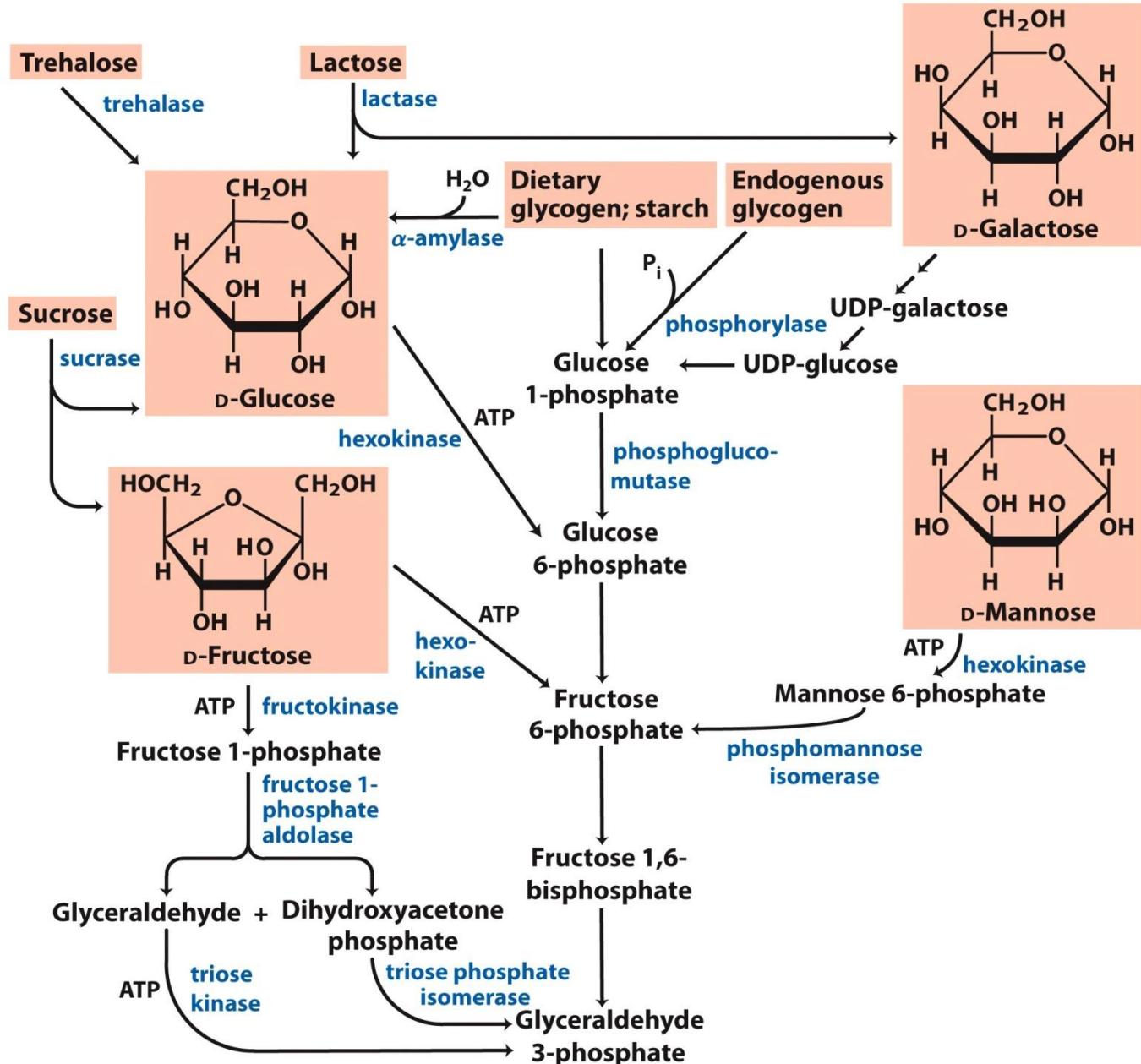
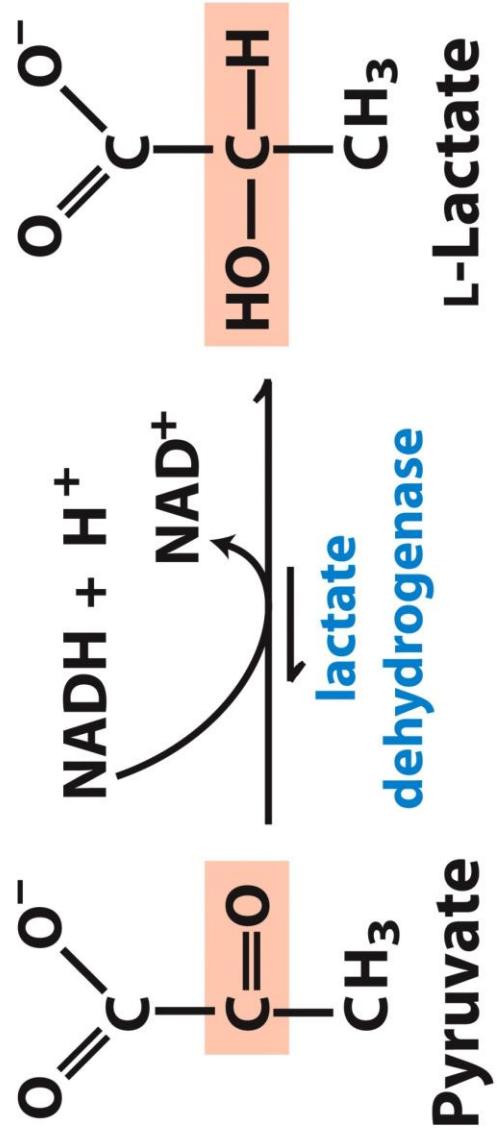
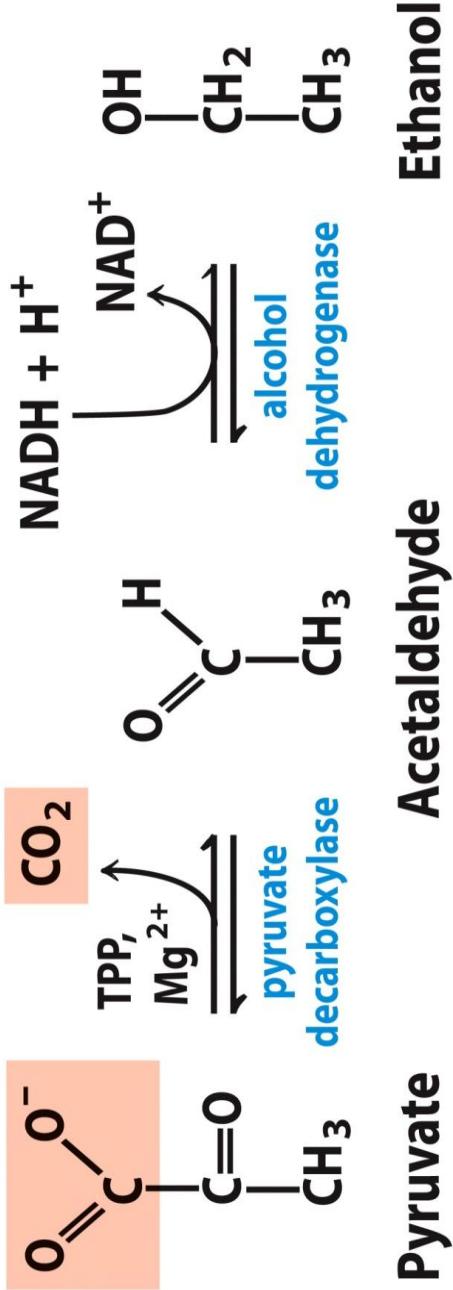


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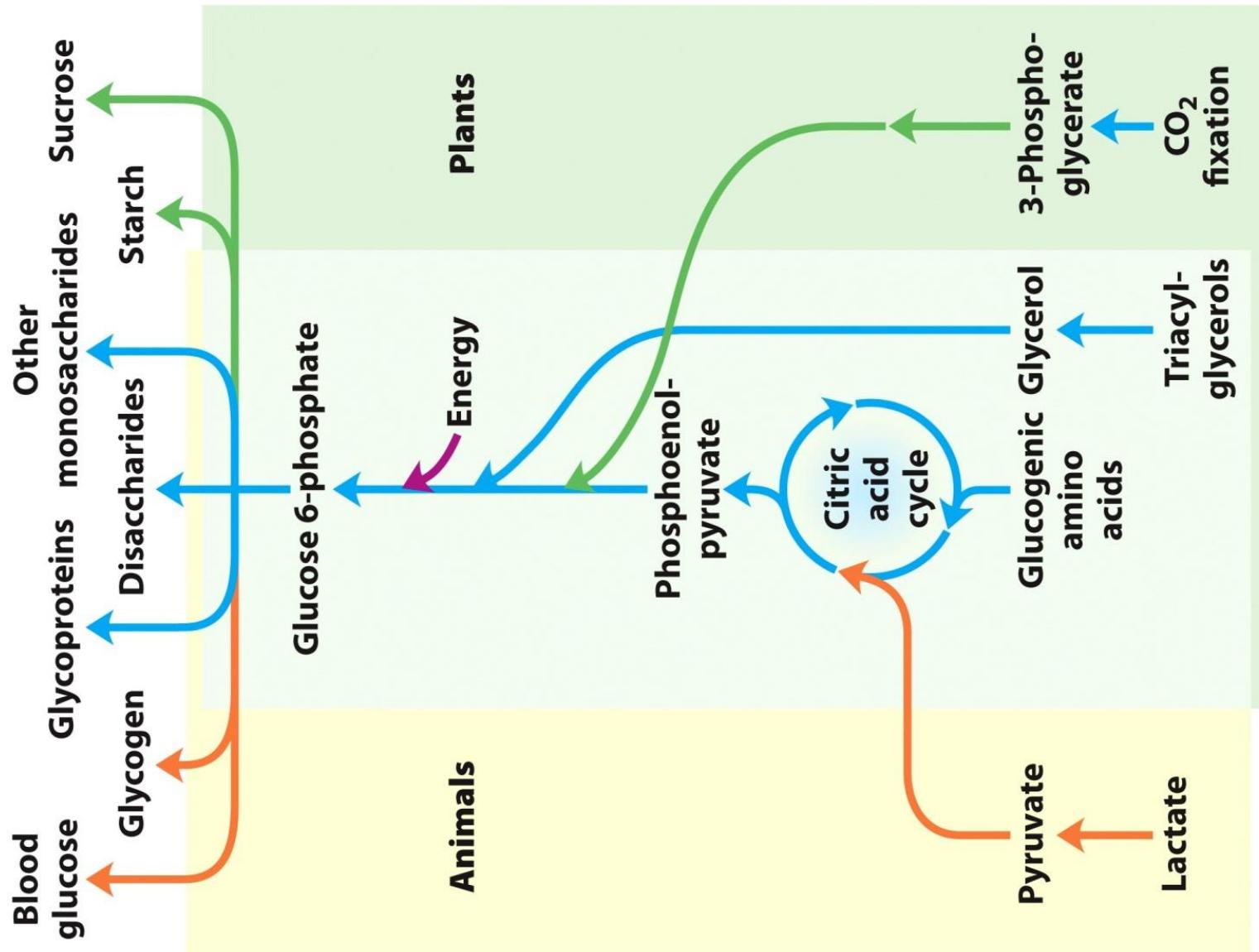
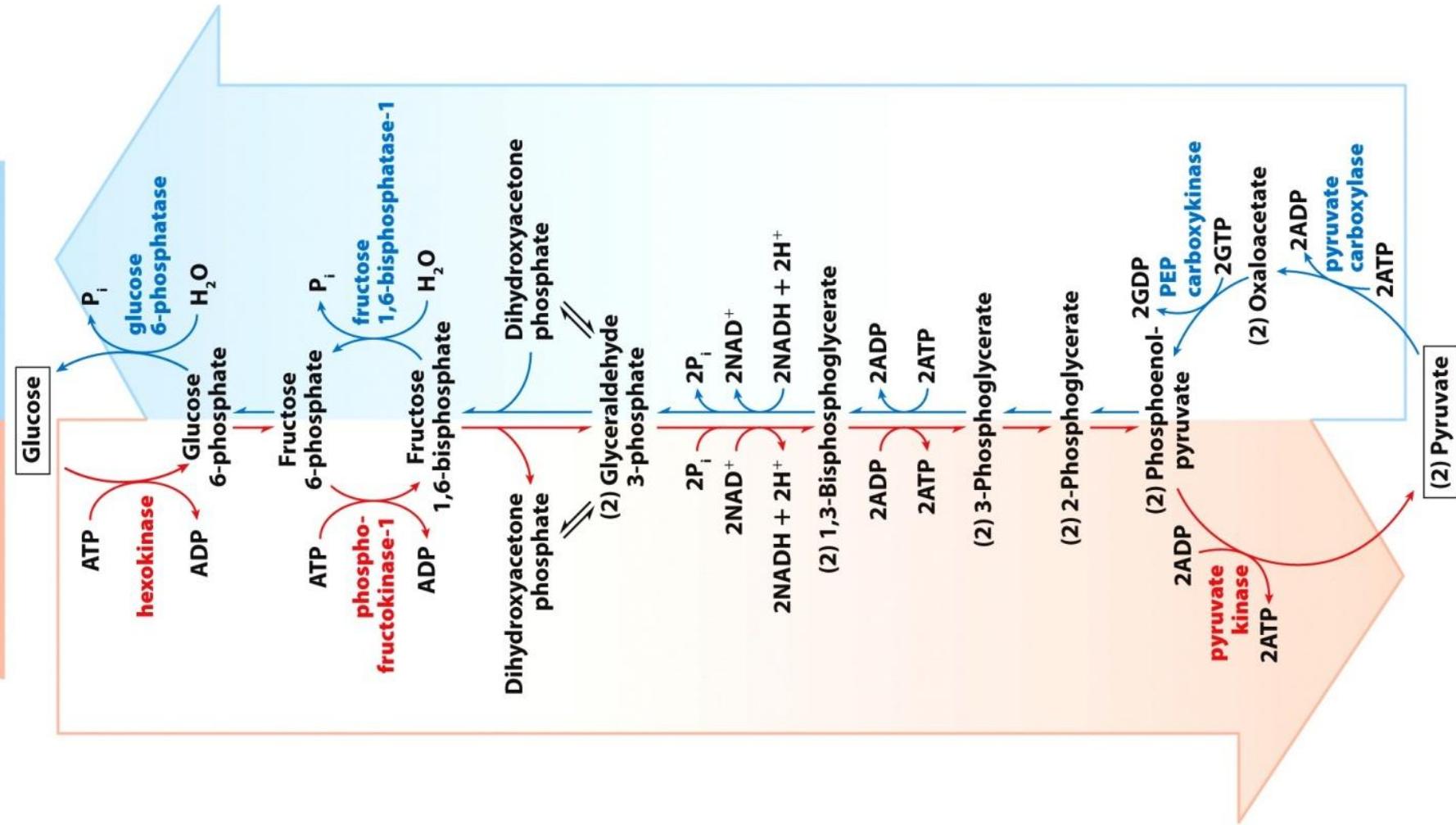


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Glycolysis

Gluconeogenesis



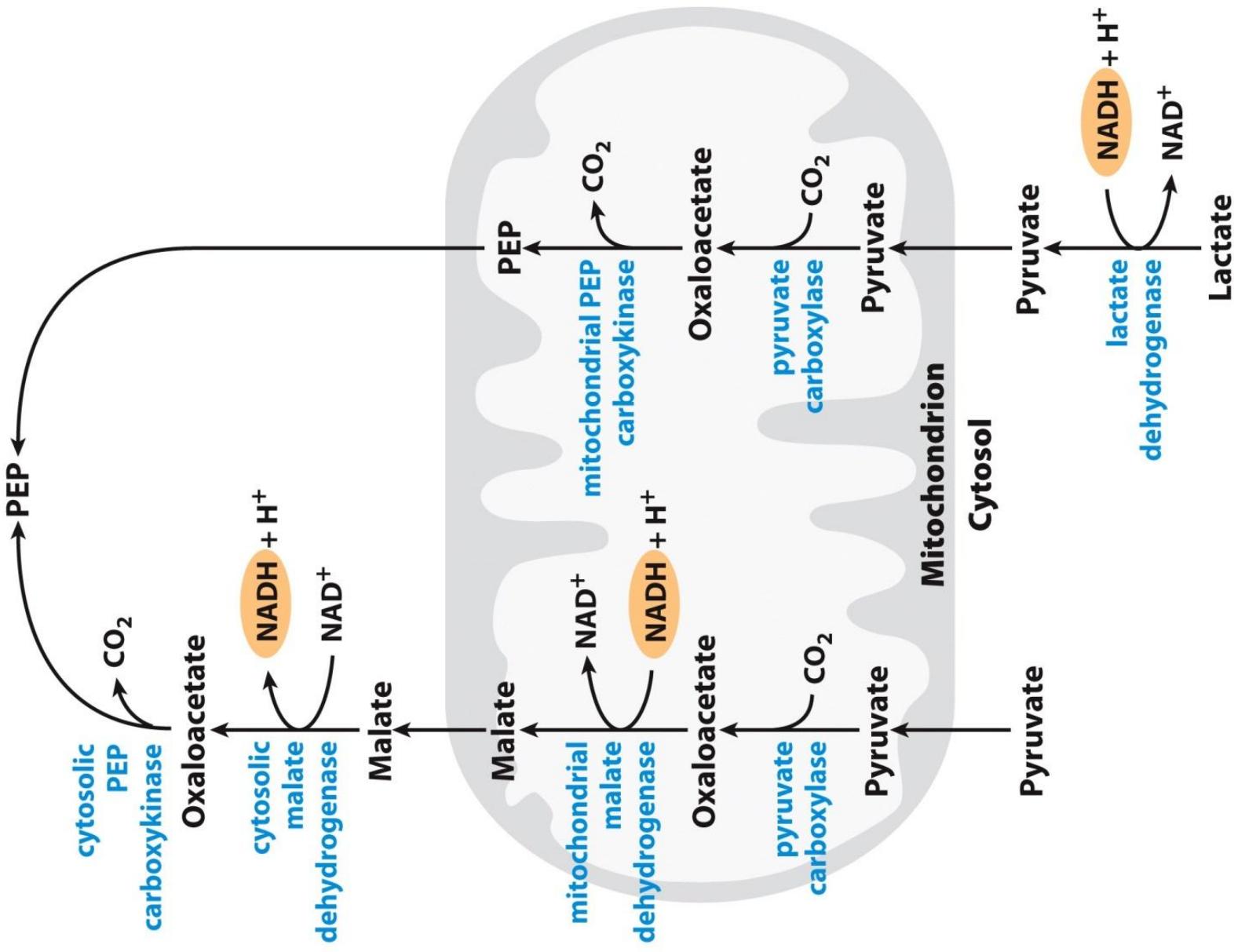


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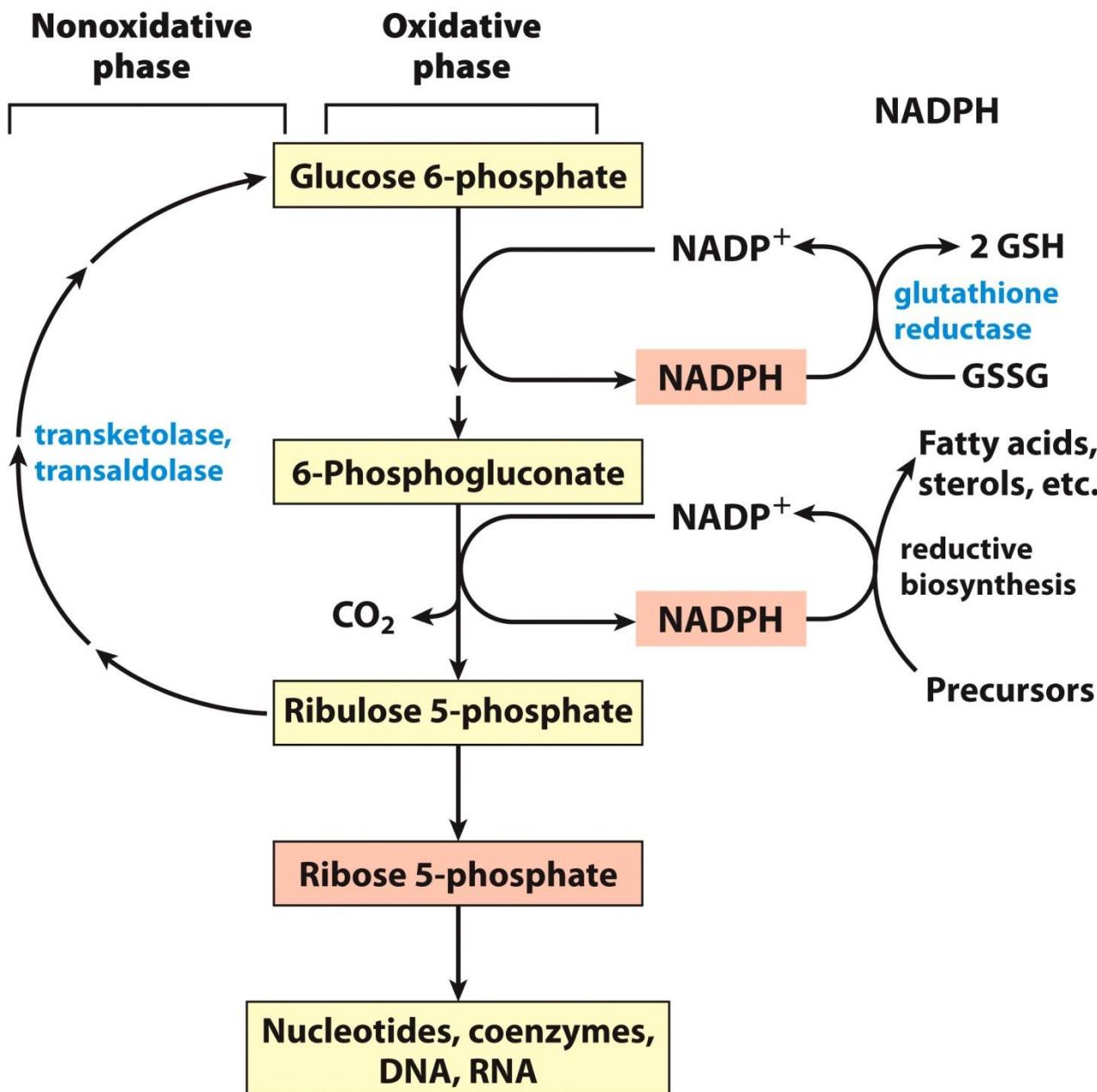
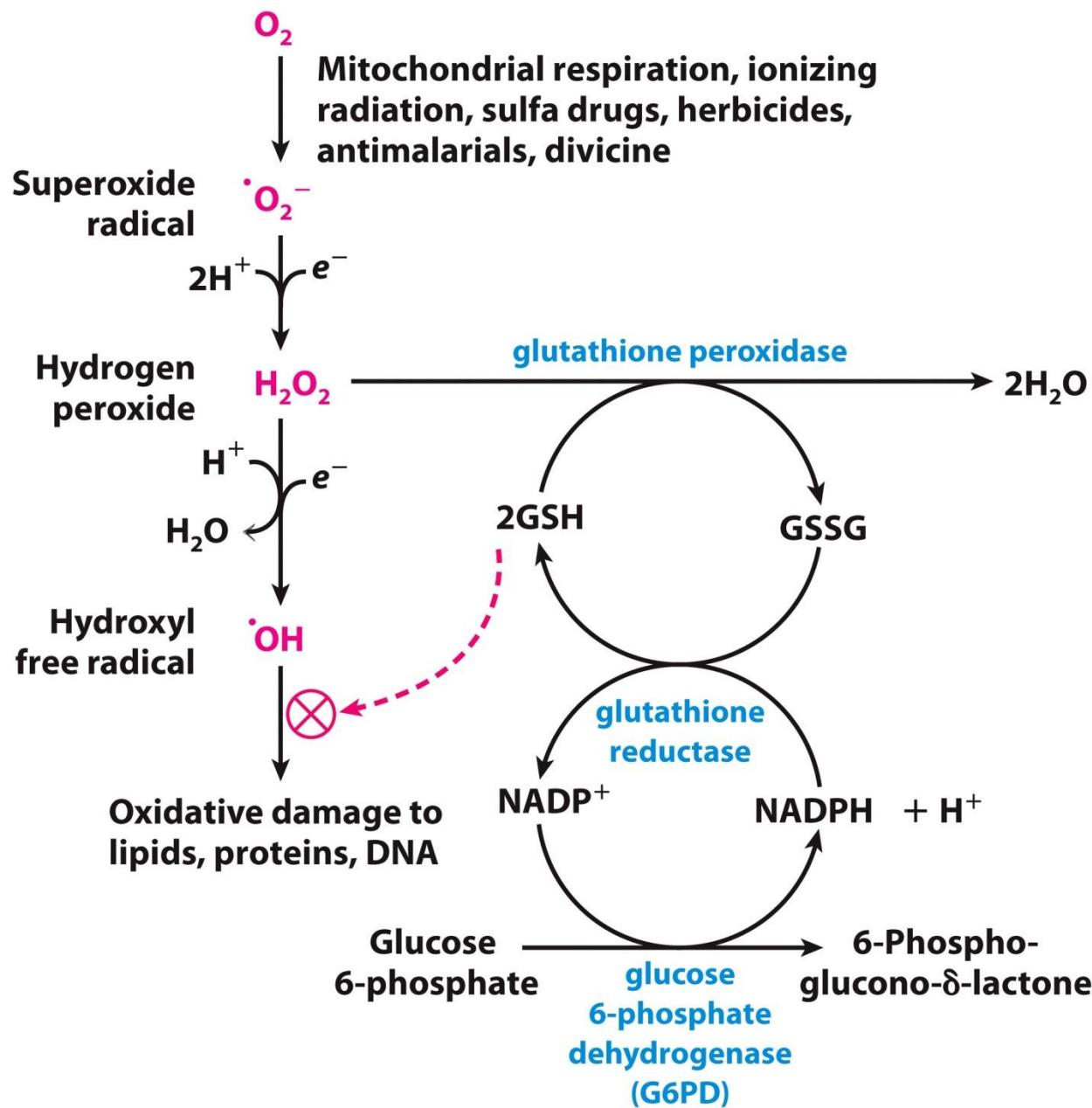


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Box 14-4 figure 1

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CHAPTER 16
The Citric Acid Cycle

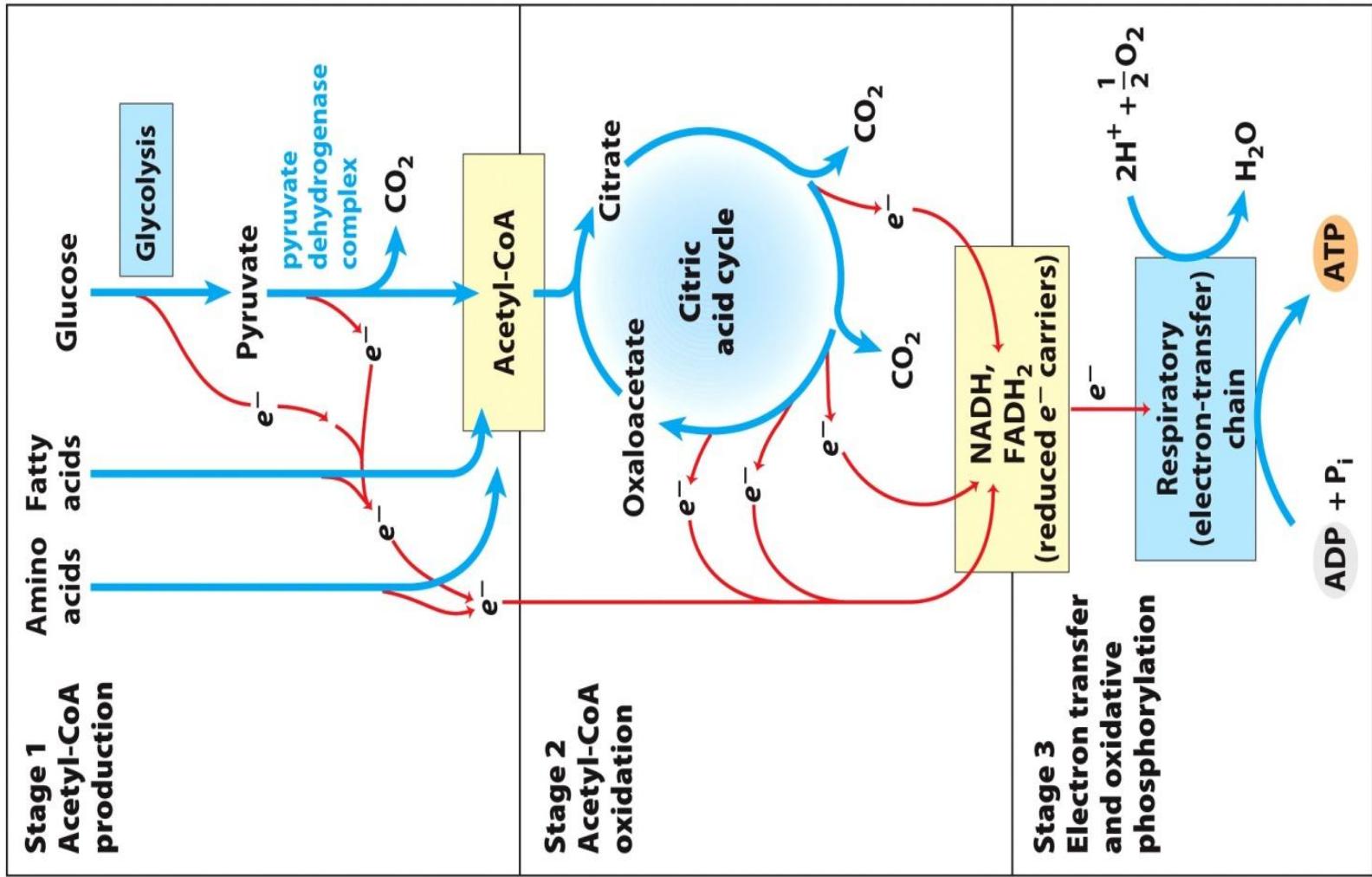


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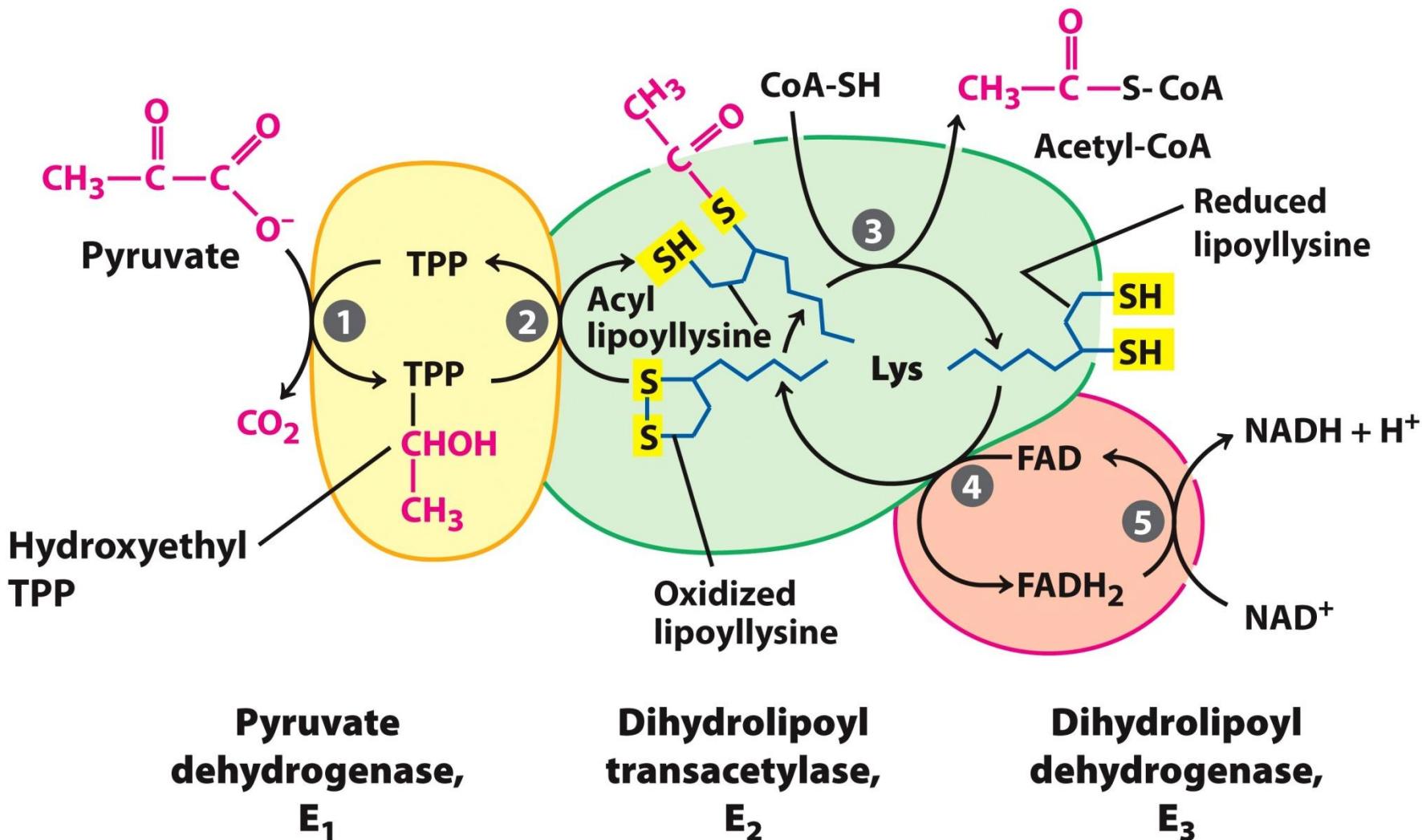


Figure 16-6

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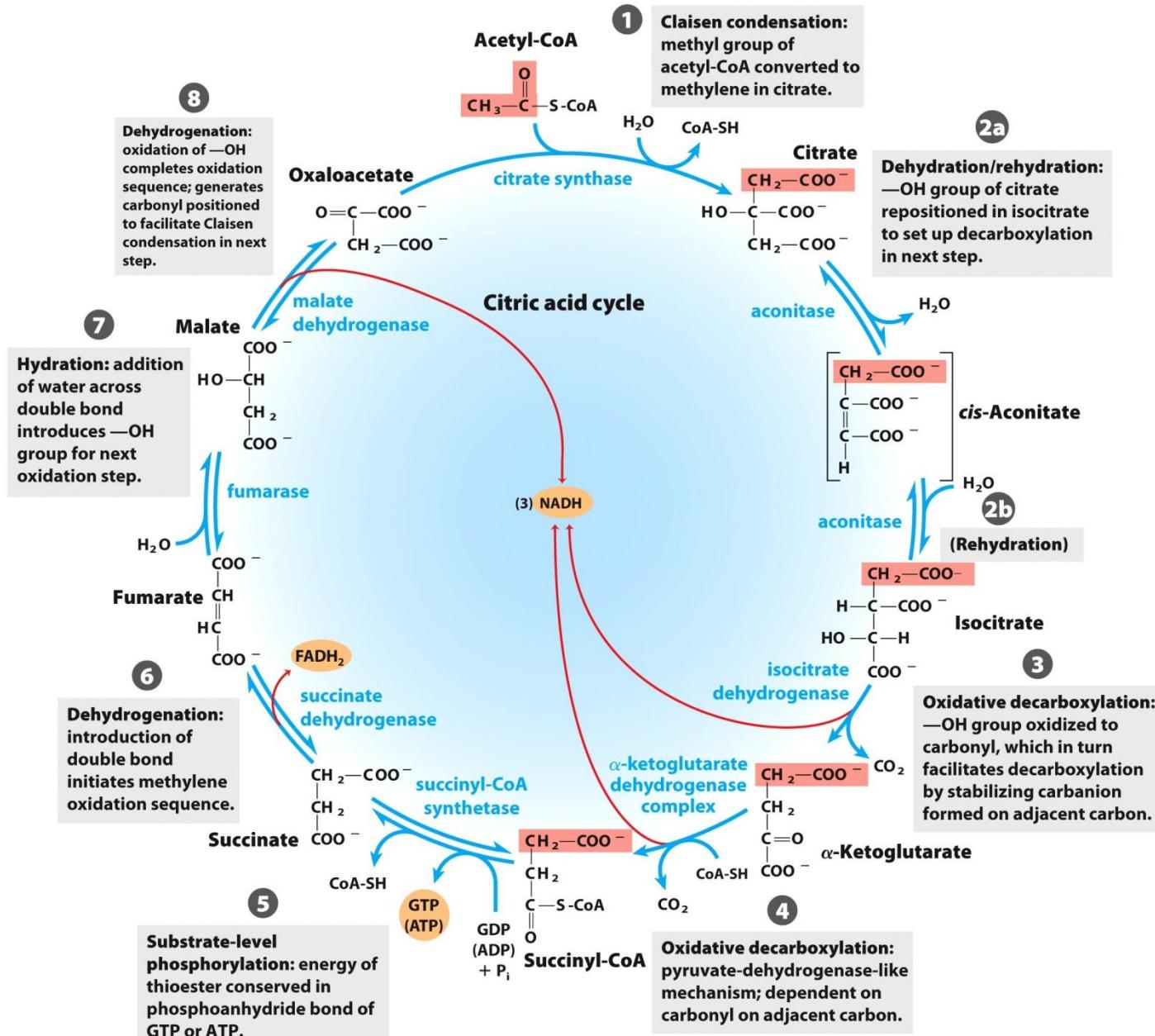


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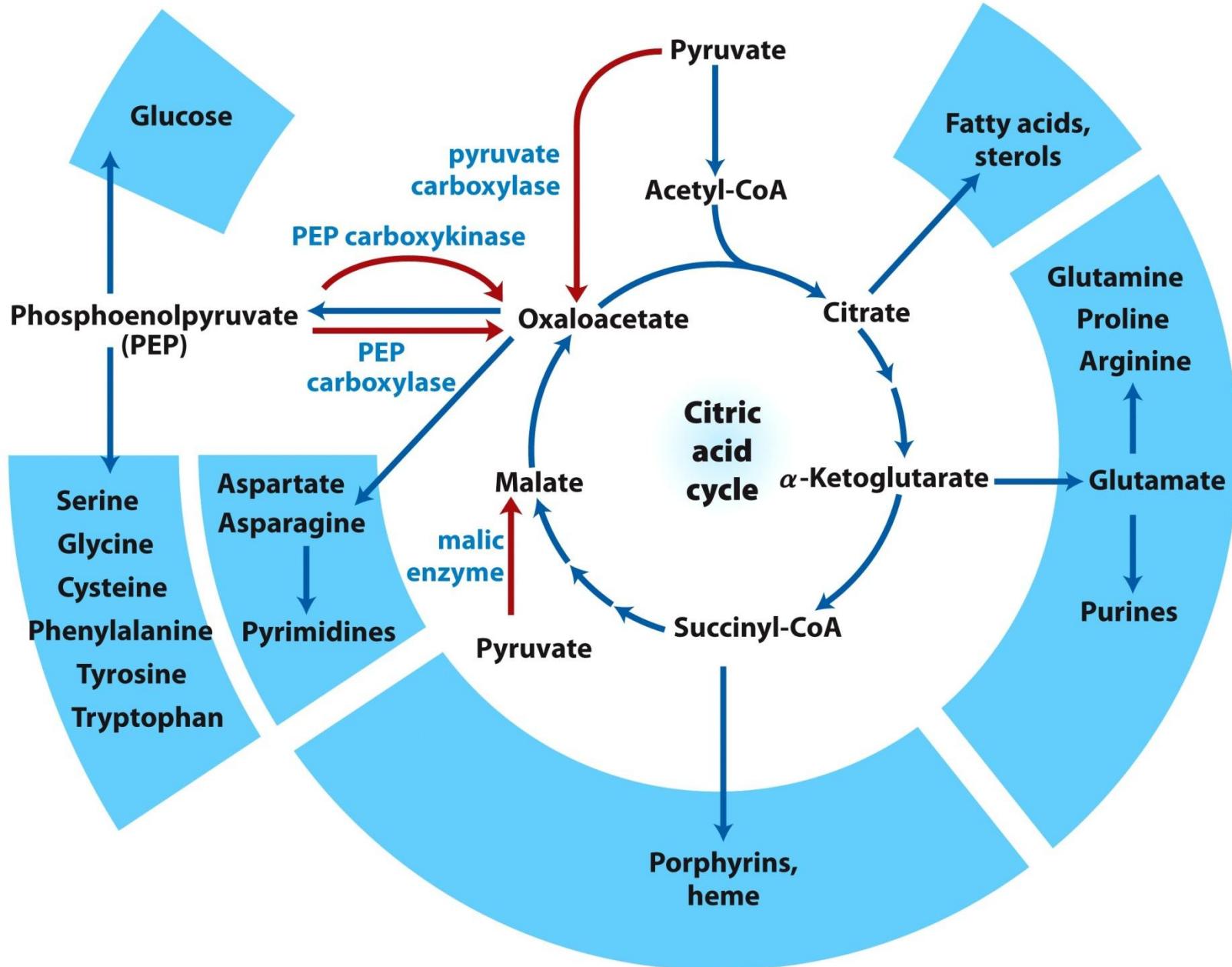


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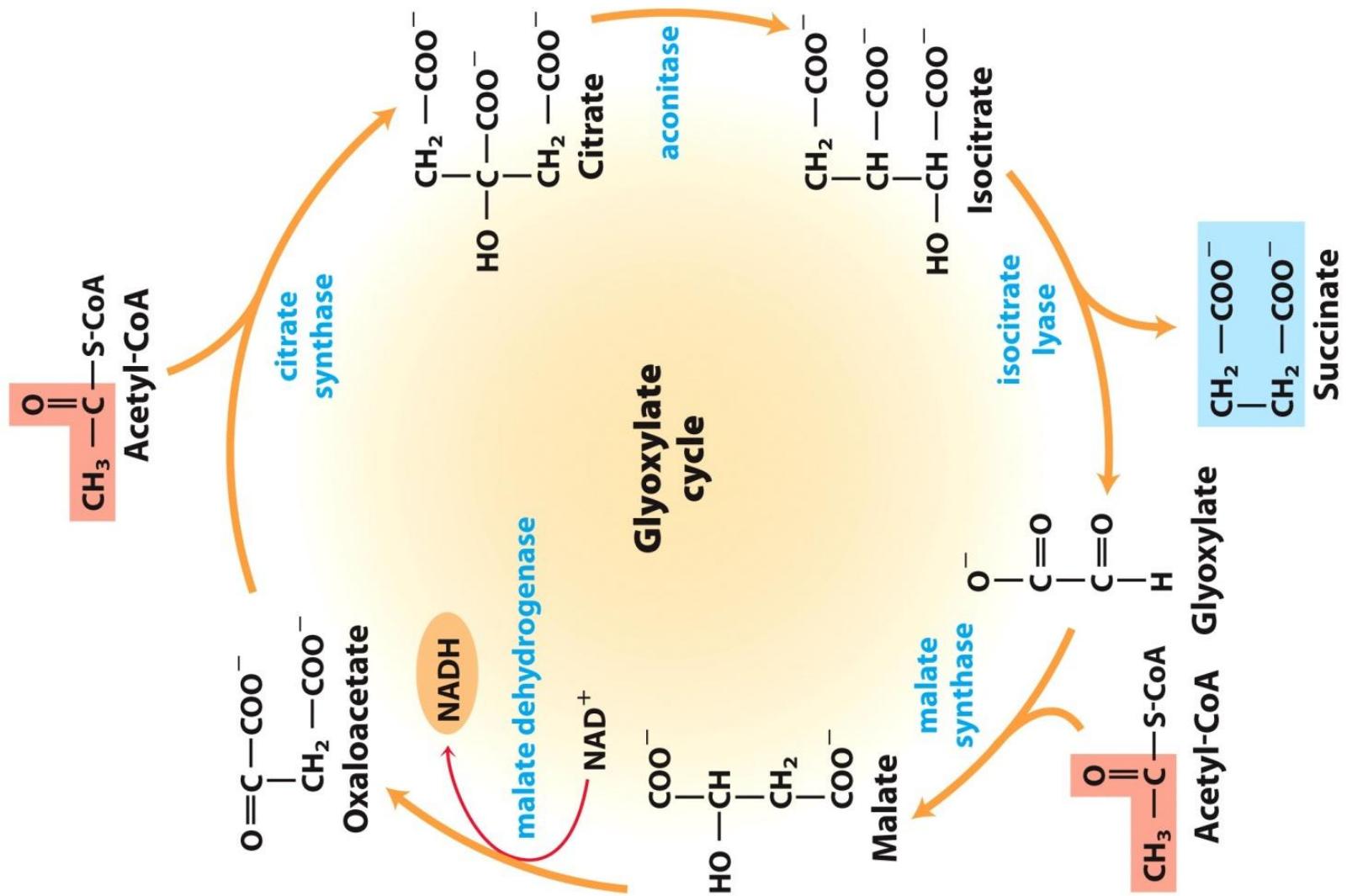


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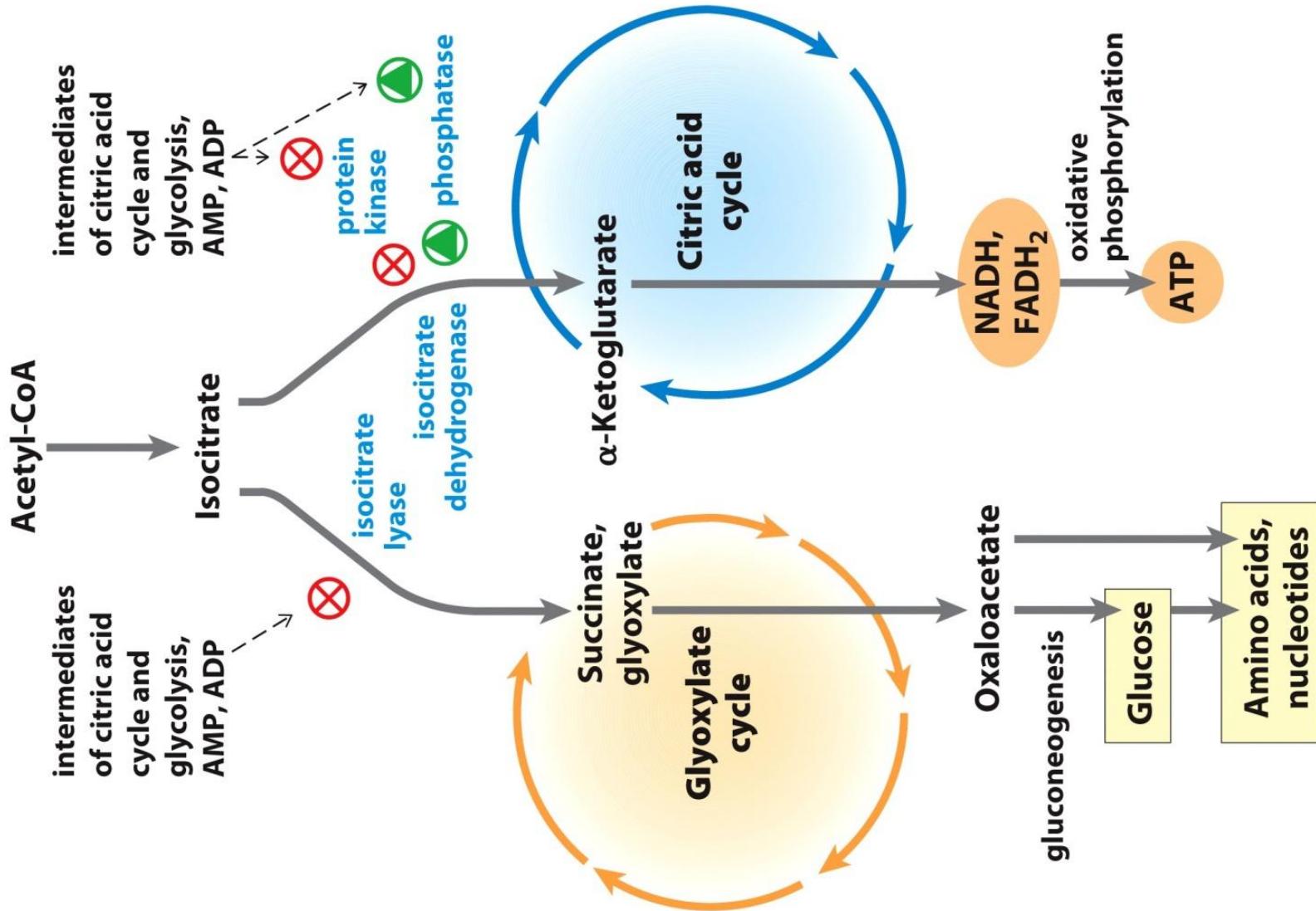


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CHAPTER 17
Fatty Acid Catabolism

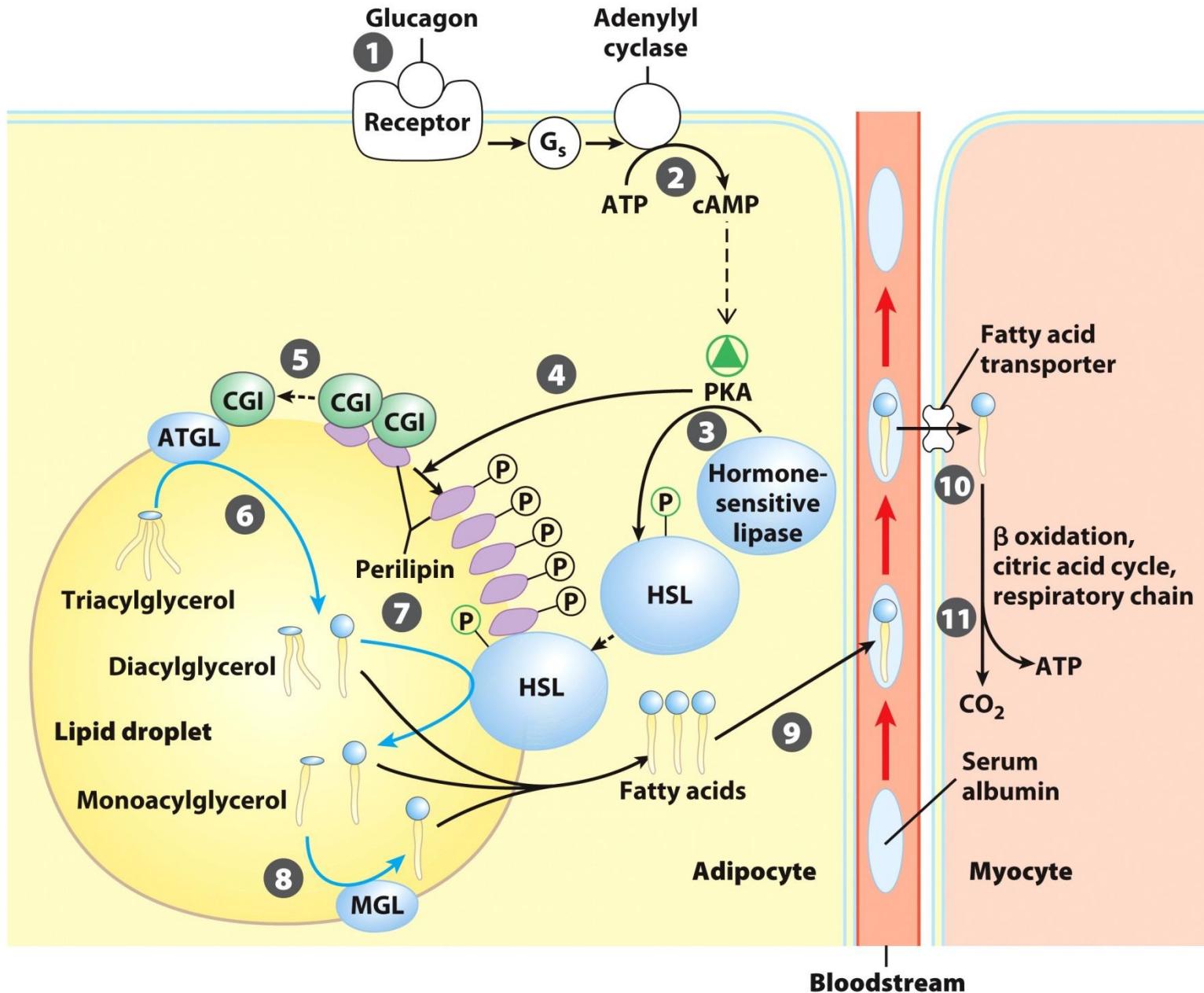


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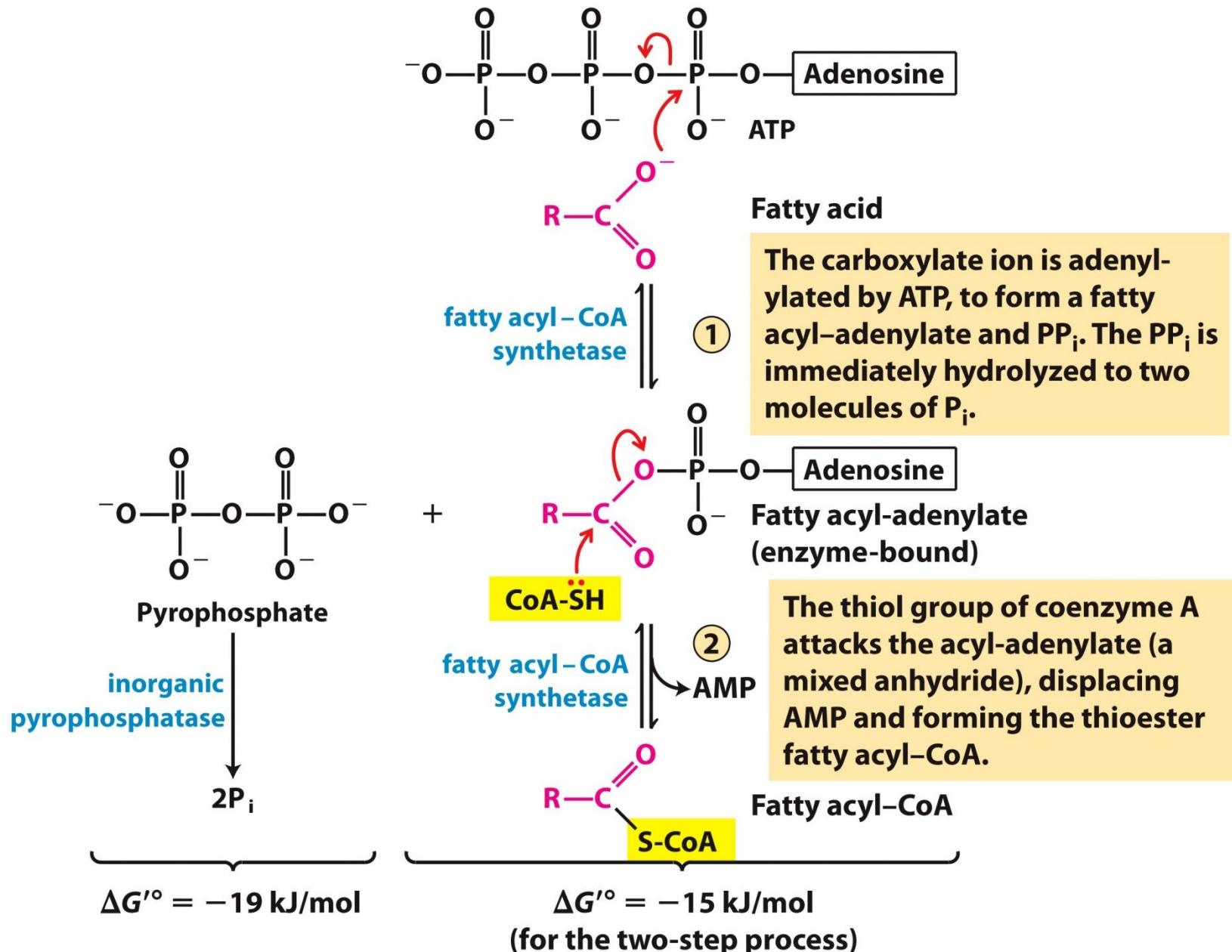


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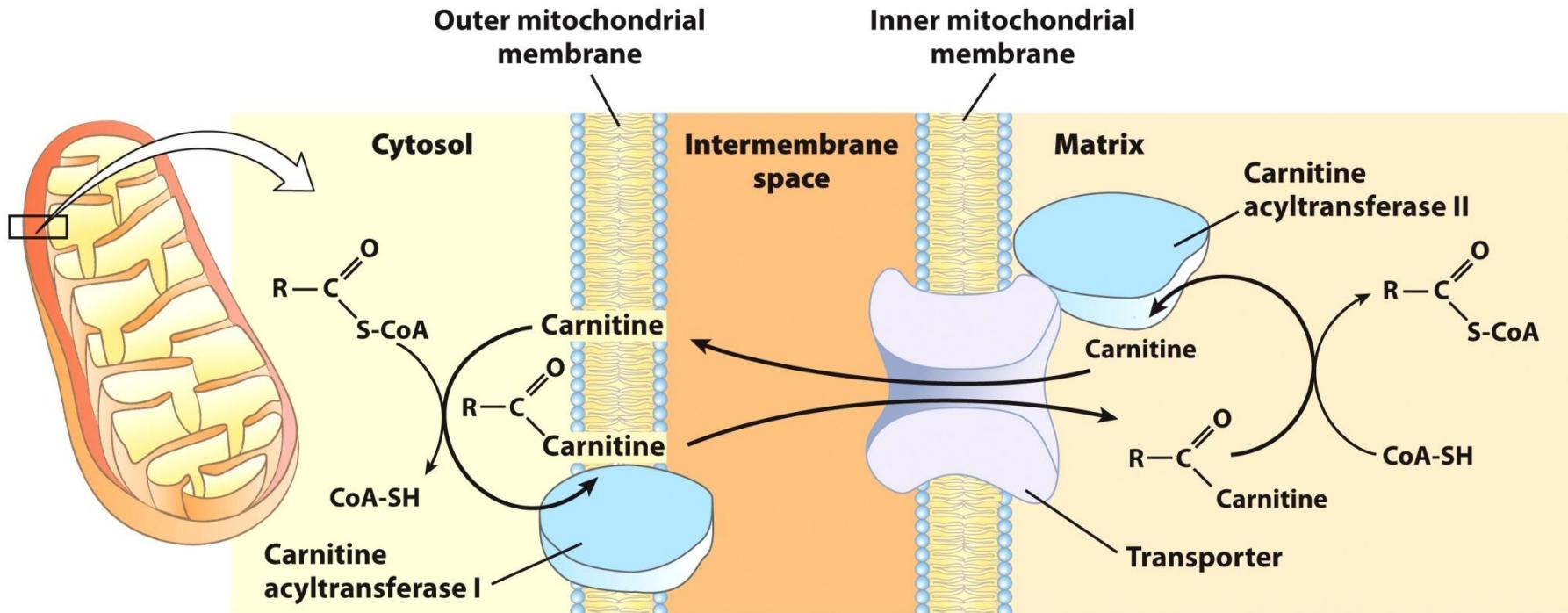


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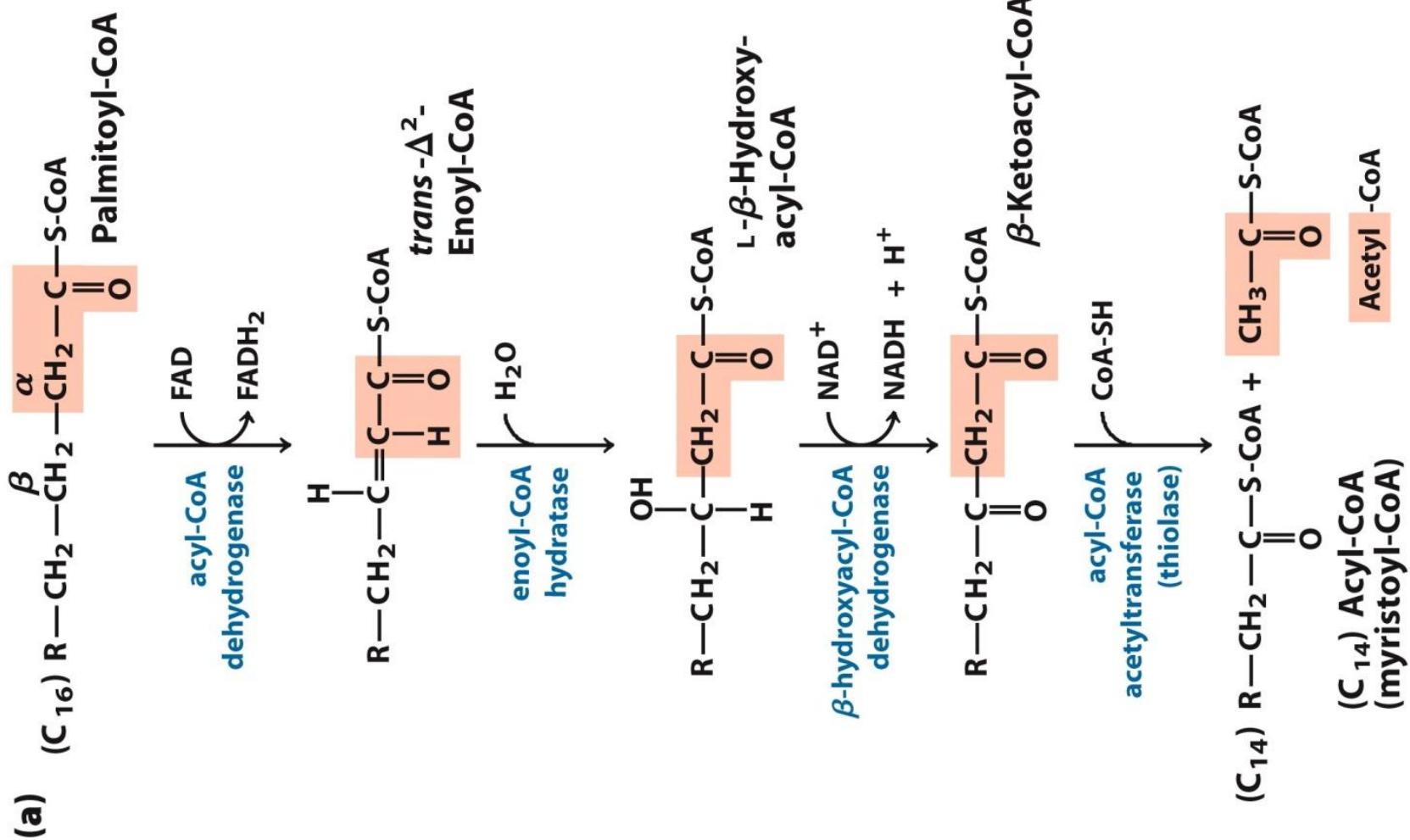


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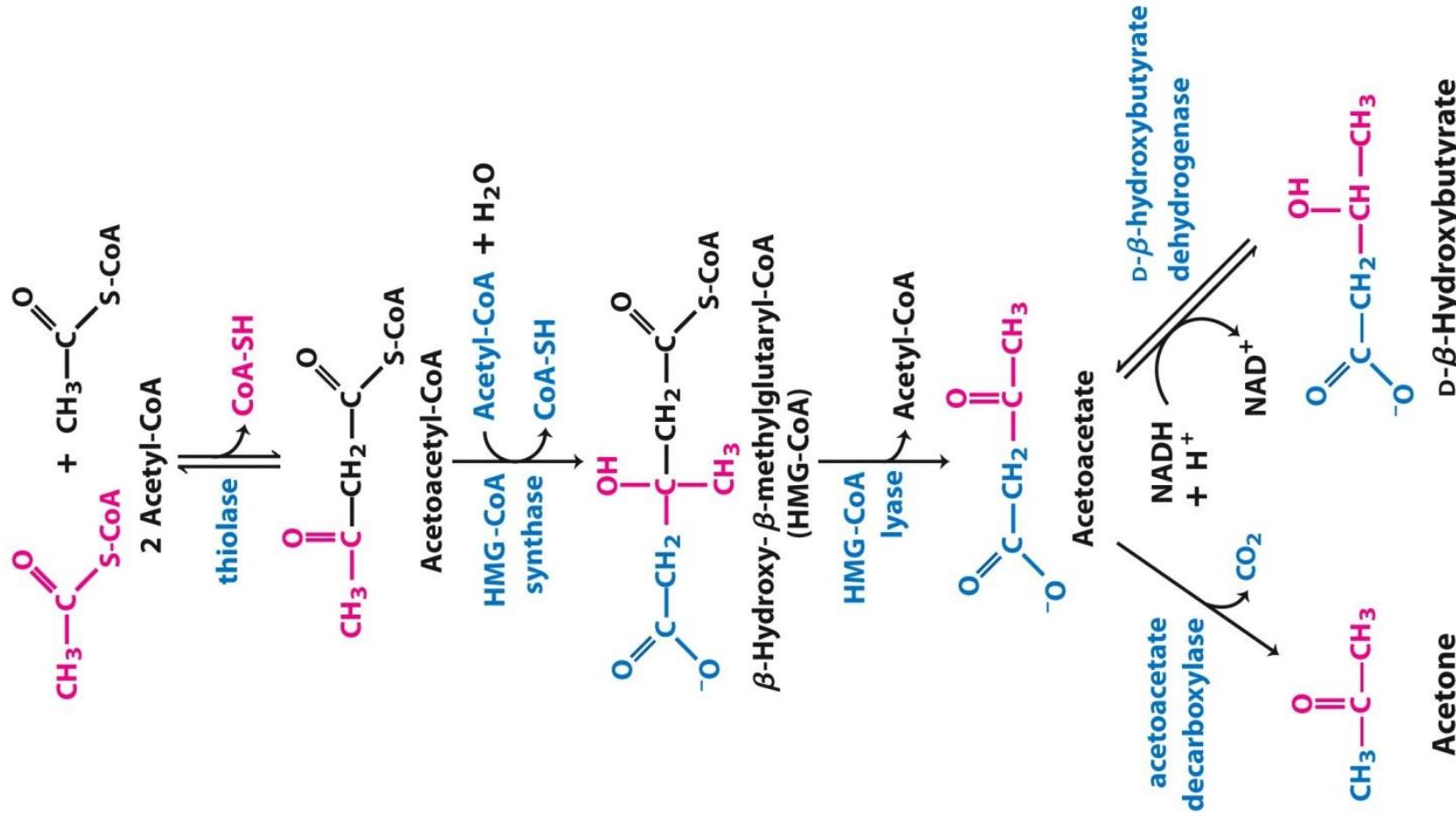


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CHAPTER 18
Amino Acid Oxidation and the
Production of Urea

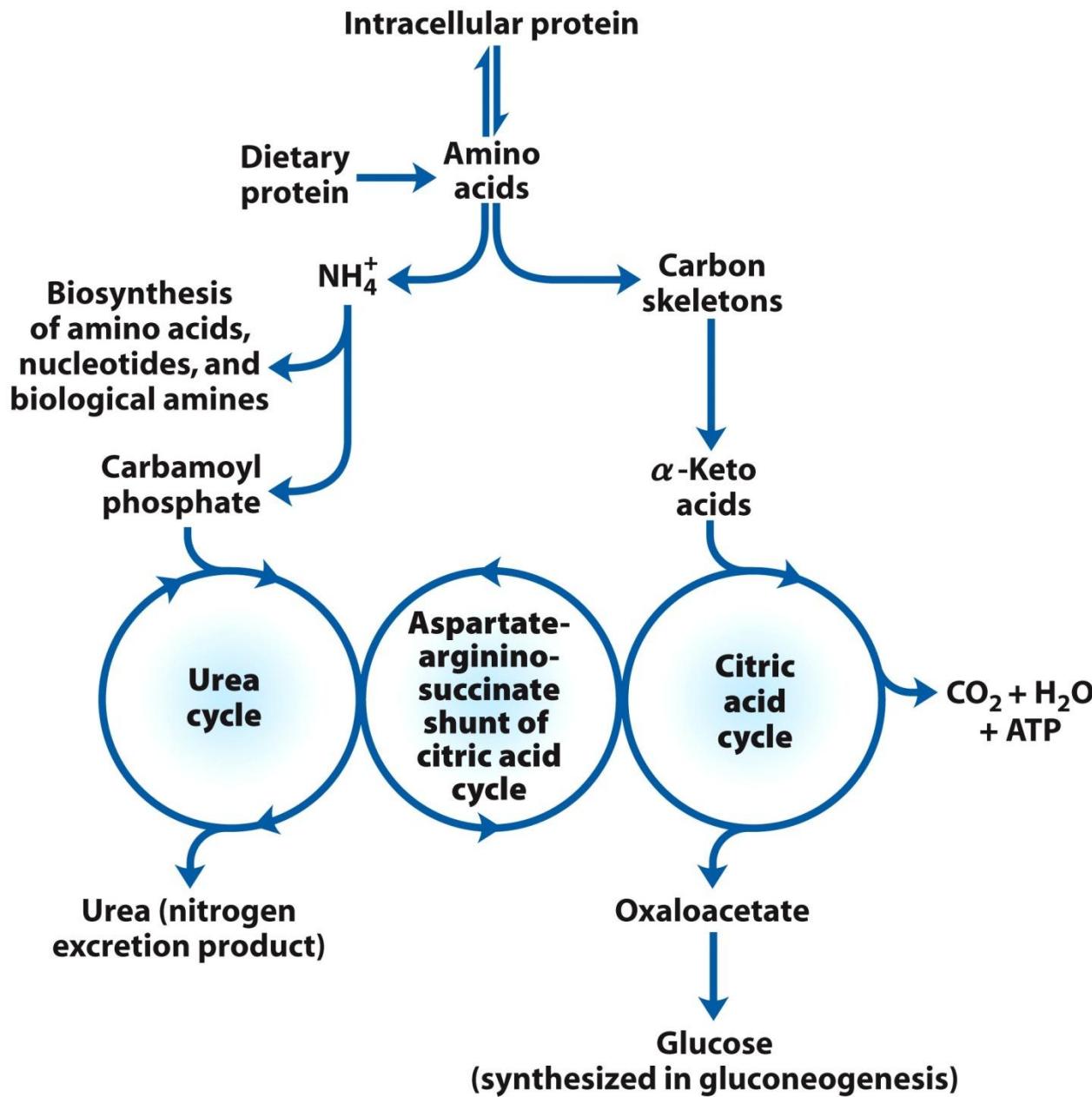


Figure 18-1

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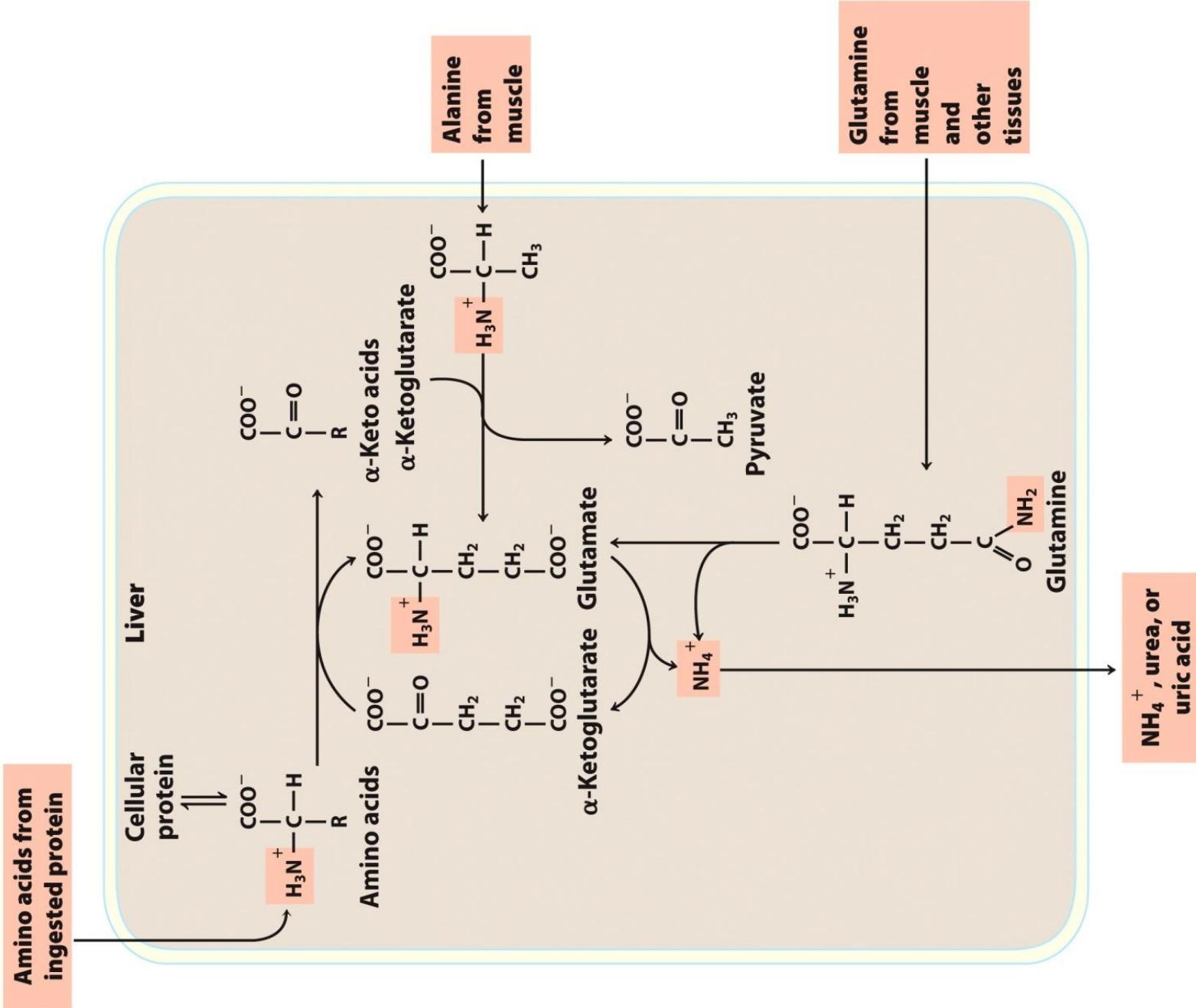


Figure 18-2a

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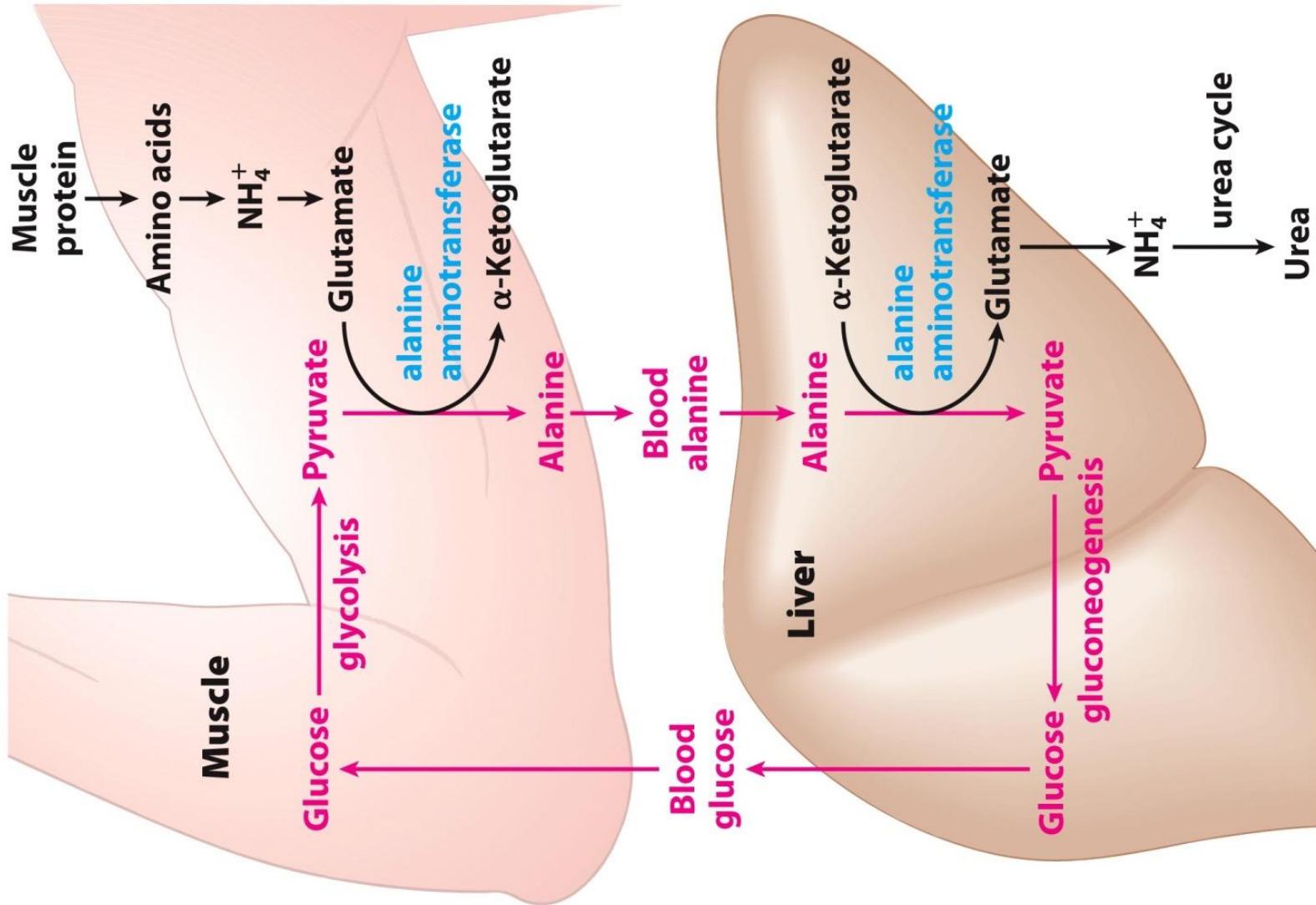
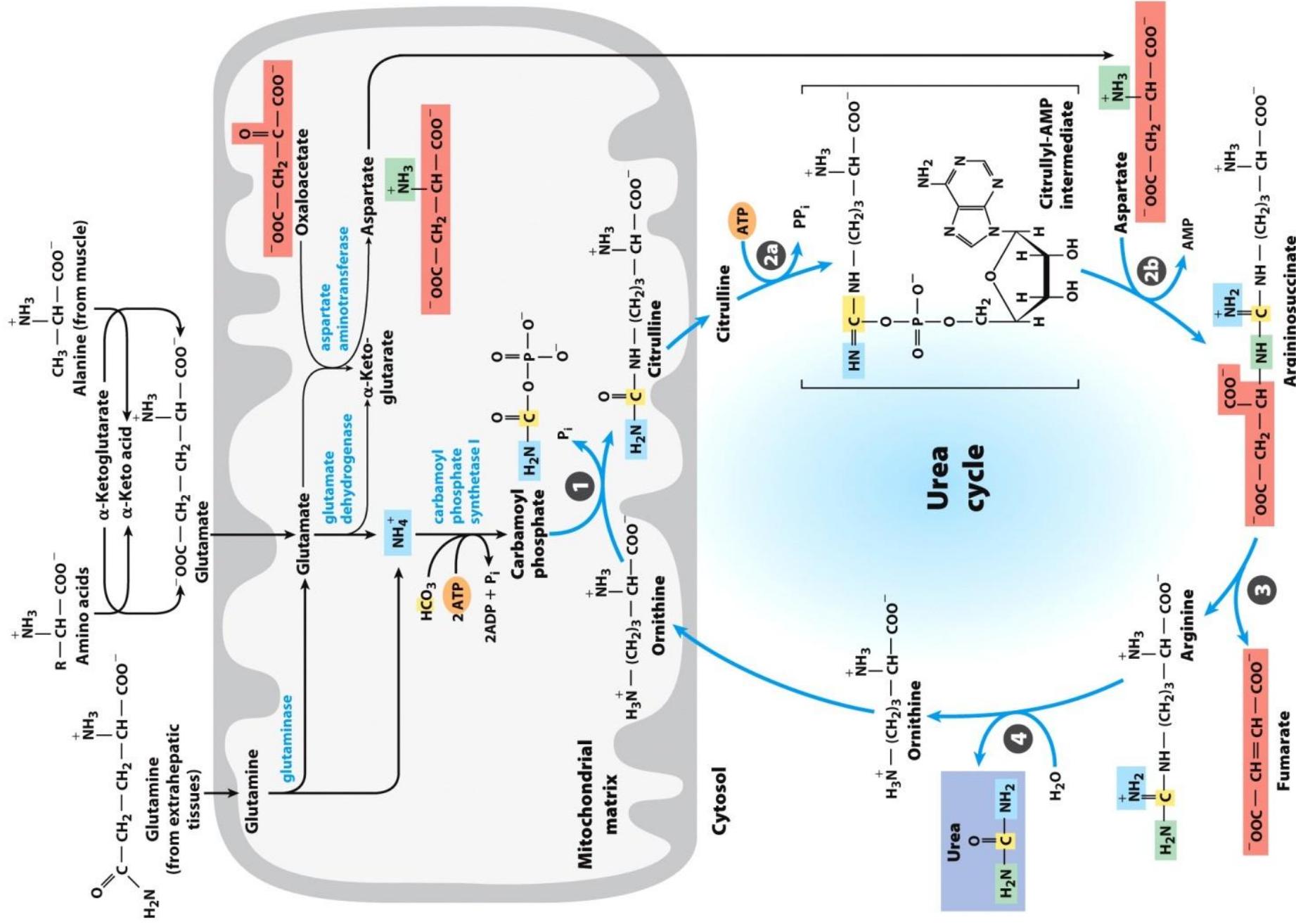
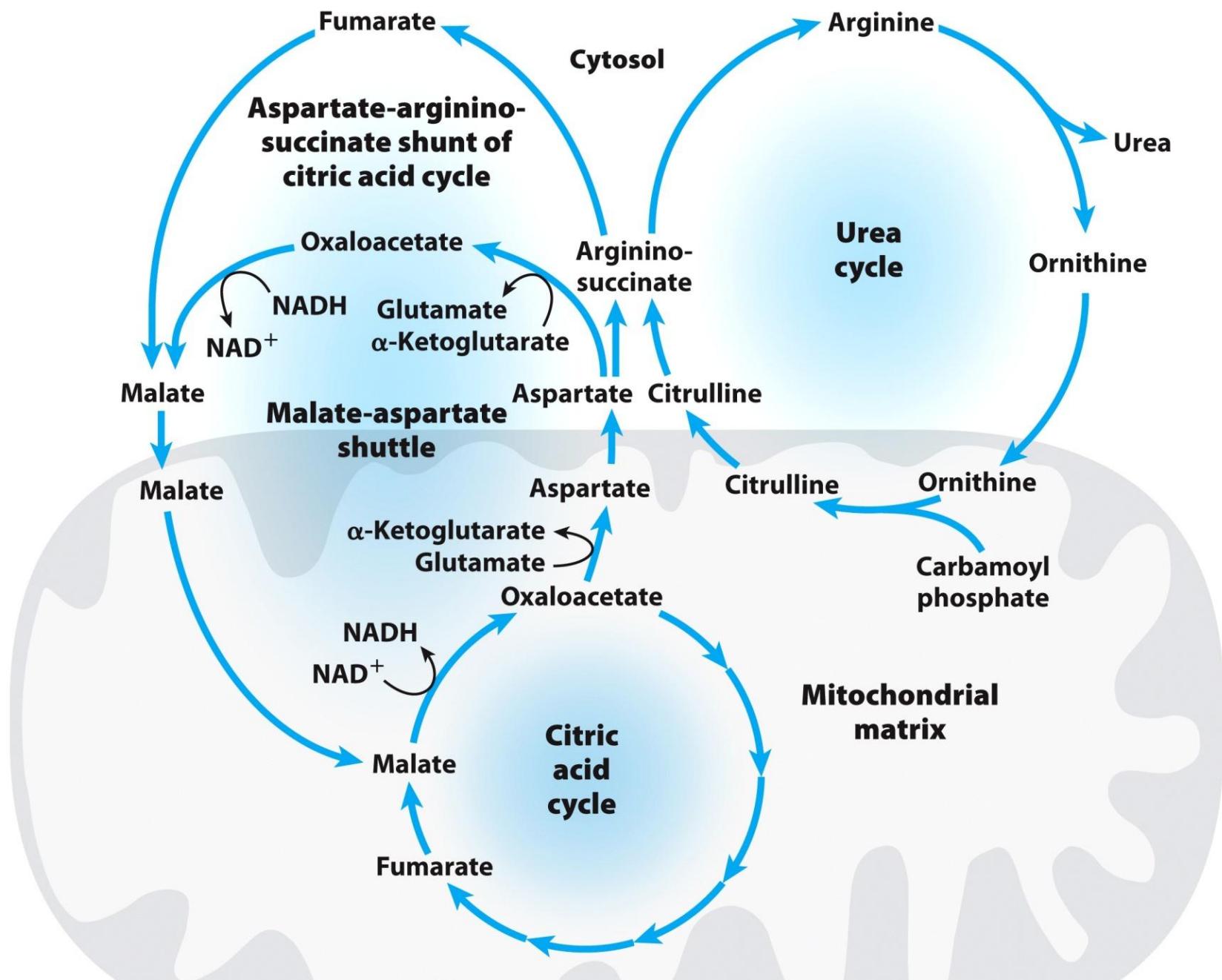


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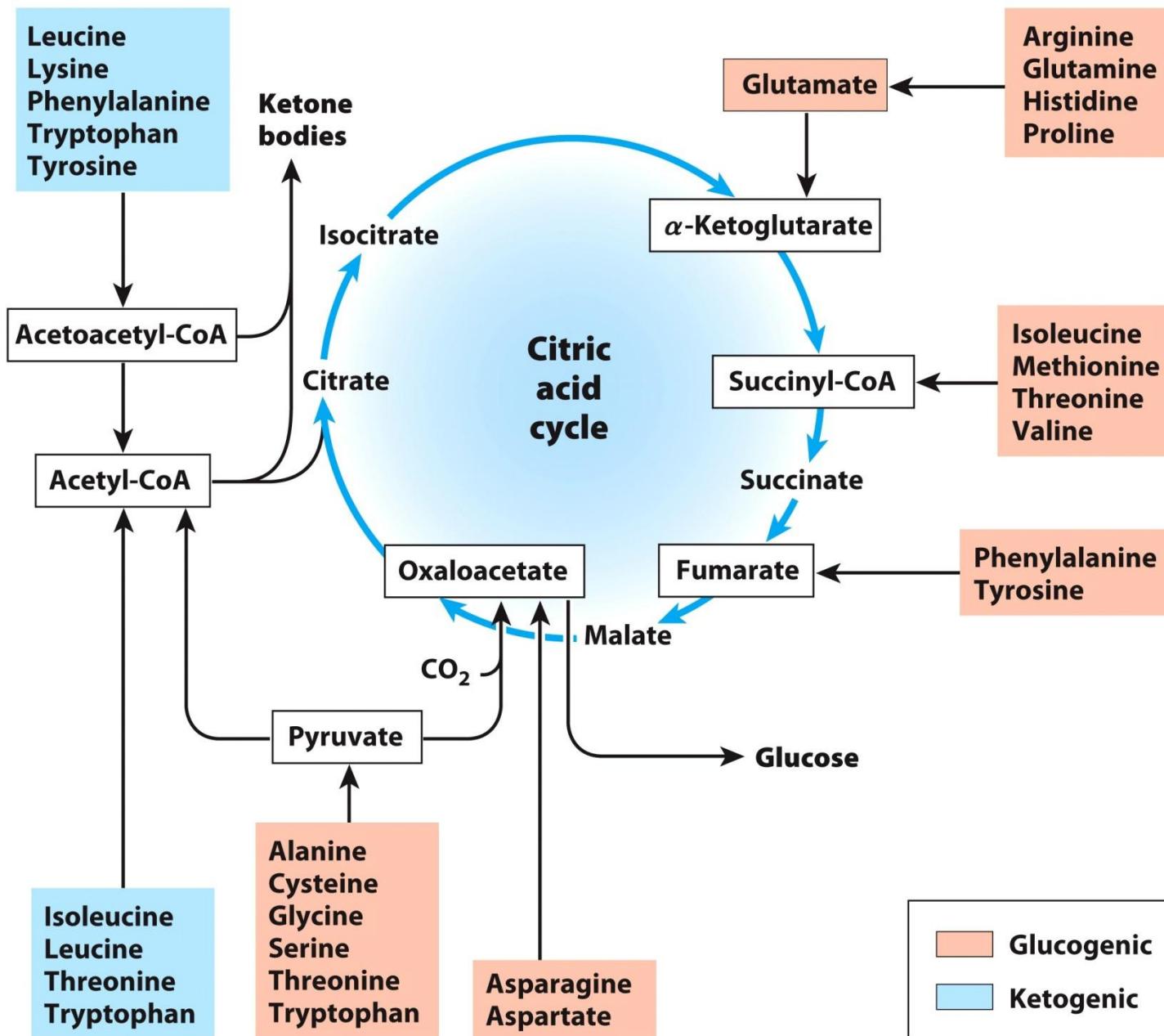


Figure 18-15

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