



CRC

for

Premium

Quality

Wool

# Glycolysis

Produced for the CRC for Premium Quality Wool undergraduate program by;  
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# Definitions

- **ANAEROBIC GLYCOLYSIS** occurs when there is no oxygen present and glucose is converted to lactate to recycle NADH to NAD+
- **AEROBIC GLYCOLYSIS** is the preferential metabolism of glucose to lactate, despite the presence of oxygen

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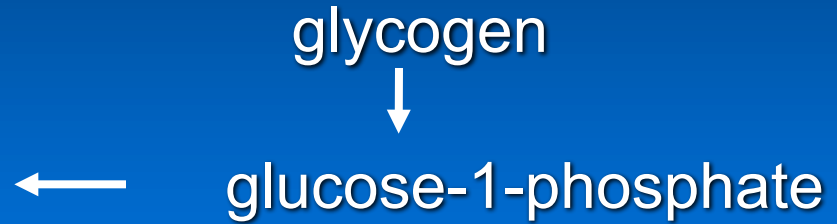
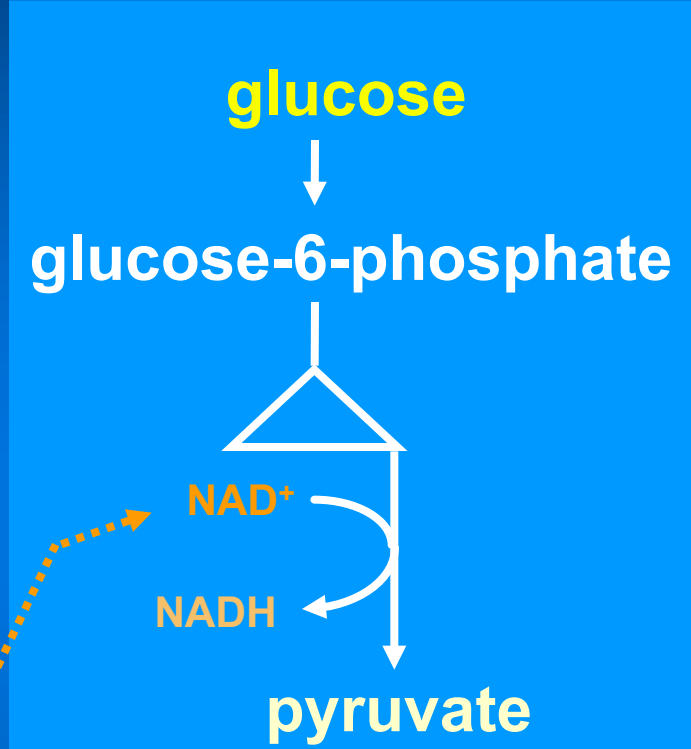
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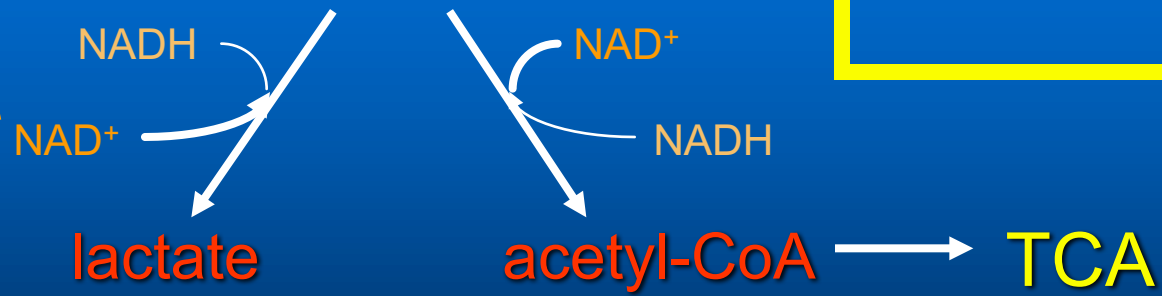
Wool



# Glycolysis



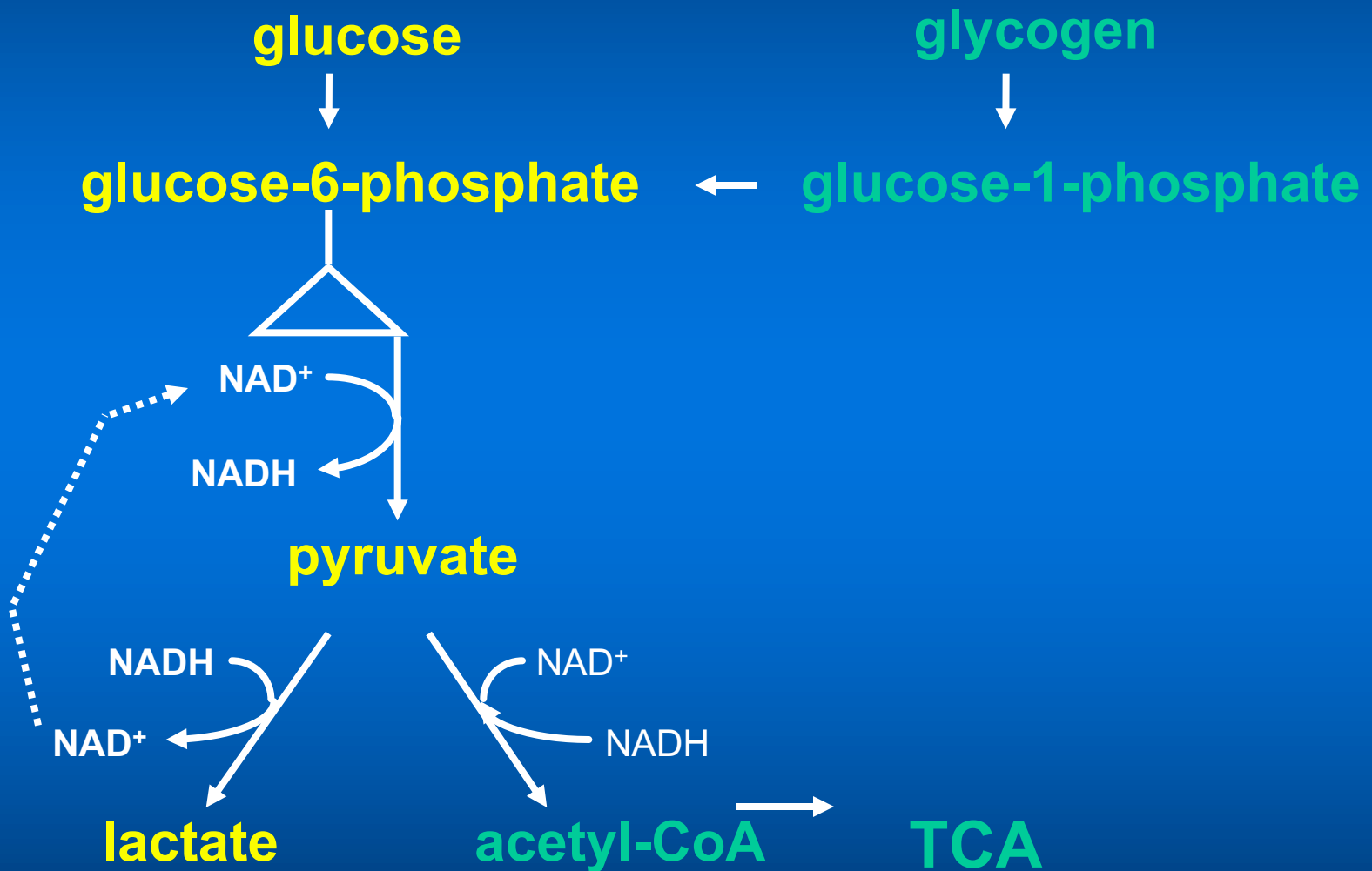
- end products**
- pyruvate (2 moles)
  - ATP (2 moles)
  - NADH (2 moles)



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# PATHWAY 1. extracellular glucose to lactate



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# PATHWAY 2. oxidative metabolism of stored glycogen

