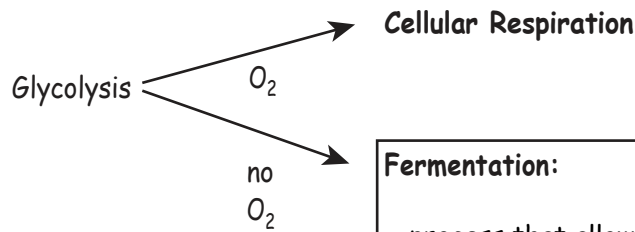


SECTION  
4.6

FERMENTATION  
Power Notes



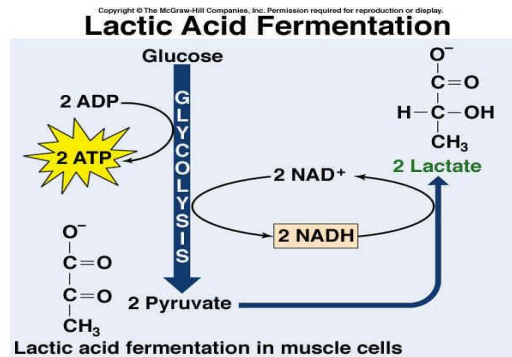
**Fermentation:**

process that allows glycolysis to continue to produce ATP when oxygen is not available, but does not produce ATP

**Lactic Acid Fermentation**

**Process:**

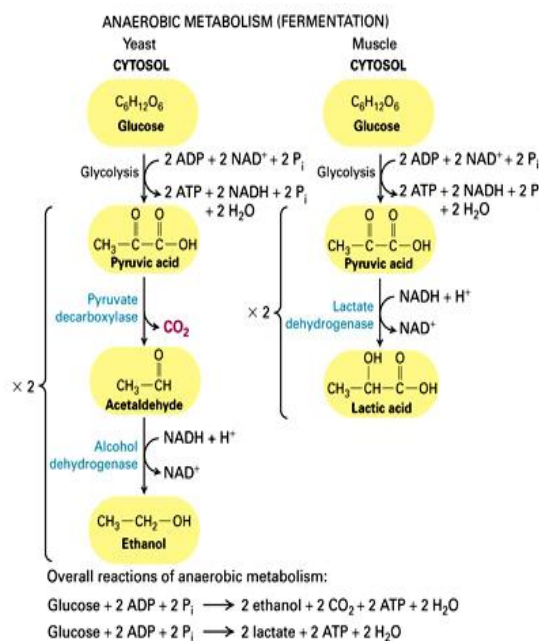
(as sketch or in words)  
— pyruvate and NADH enter fermentation; NADH used to convert pyruvate into lactic acid;  $NAD^+$  recycled to glycolysis



**Alcoholic Fermentation**

**Process:**

(as sketch or in words)—  
pyruvate and NADH enter fermentation; NADH used to convert pyruvate into an alcohol and carbon dioxide;  $NAD^+$  recycled to glycolysis



**Uses of Fermentation**

1. Cheese
2. Bread
3. Yogurt

