

Cellular Respiration

I. Cellular Respiration

II. Fermentation

III. Energy Yield

IV. Metabolic Pool

V. Energy Transforming Organelles (relationships)

Key Terms: Cellular respiration, ATP, glucose, pyruvate (pyruvic acid) glycolysis, anaerobic respiration, fermentation, lactate (lactic acid), ethanol, carbon dioxide, oxygen, aerobic respiration, transition reaction (preparatory reaction; pyruvate oxidation), acetyl-CoA (acetyl coenzyme A), Krebs cycle, (citric acid cycle), citrate (citric acid), oxaloacetate (oxaloacetic acid), electron transport chain (electron transport system), water.

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