

Glycolysis (Anaerobic Metabolism)

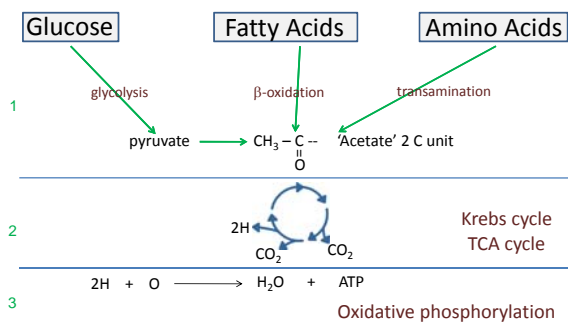
Barbara Moreland



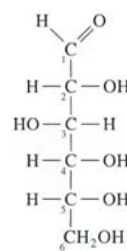
Glycolysis Pathway

- Most important metabolic pathway
- Present in all tissues and all organisms
- Function: synthesis of ATP using glucose as fuel

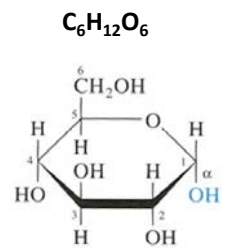
Catabolism of sugars, fats & amino acids occurs in 3 stages



Structure of Glucose



D-Glucose
(Fischer projection)



α -D-Glucopyranose
(Haworth projection)