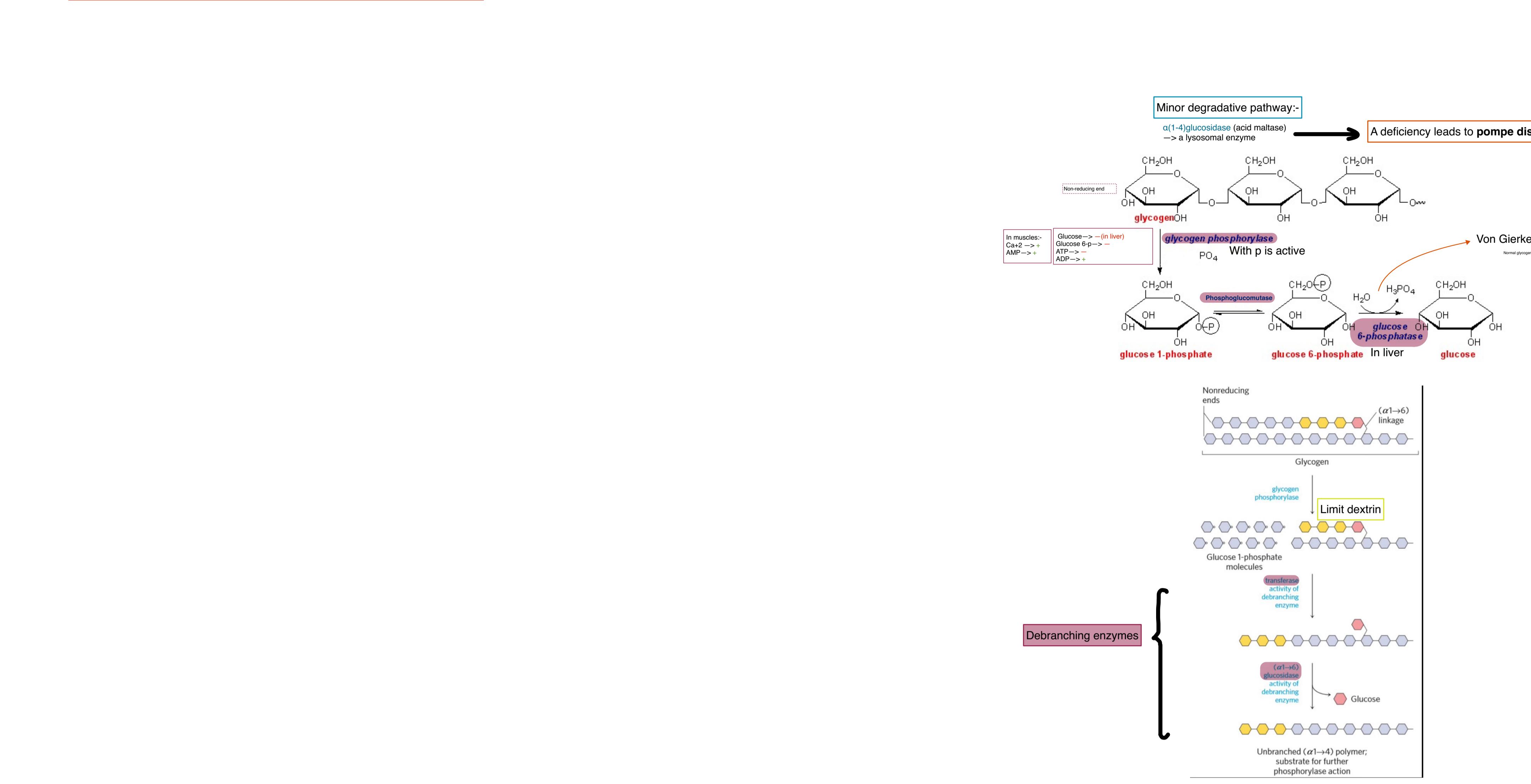
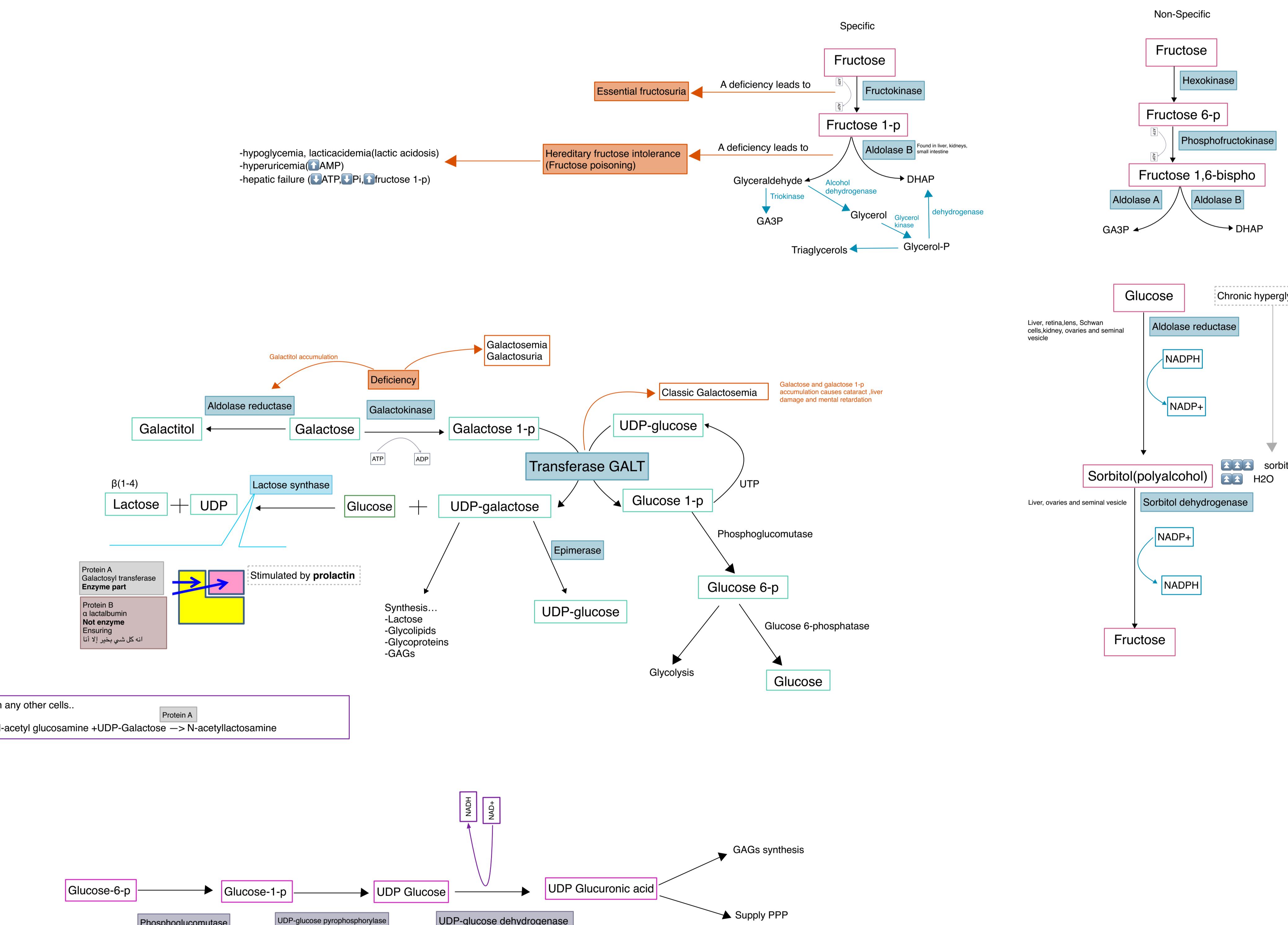


Glycogen metabolism

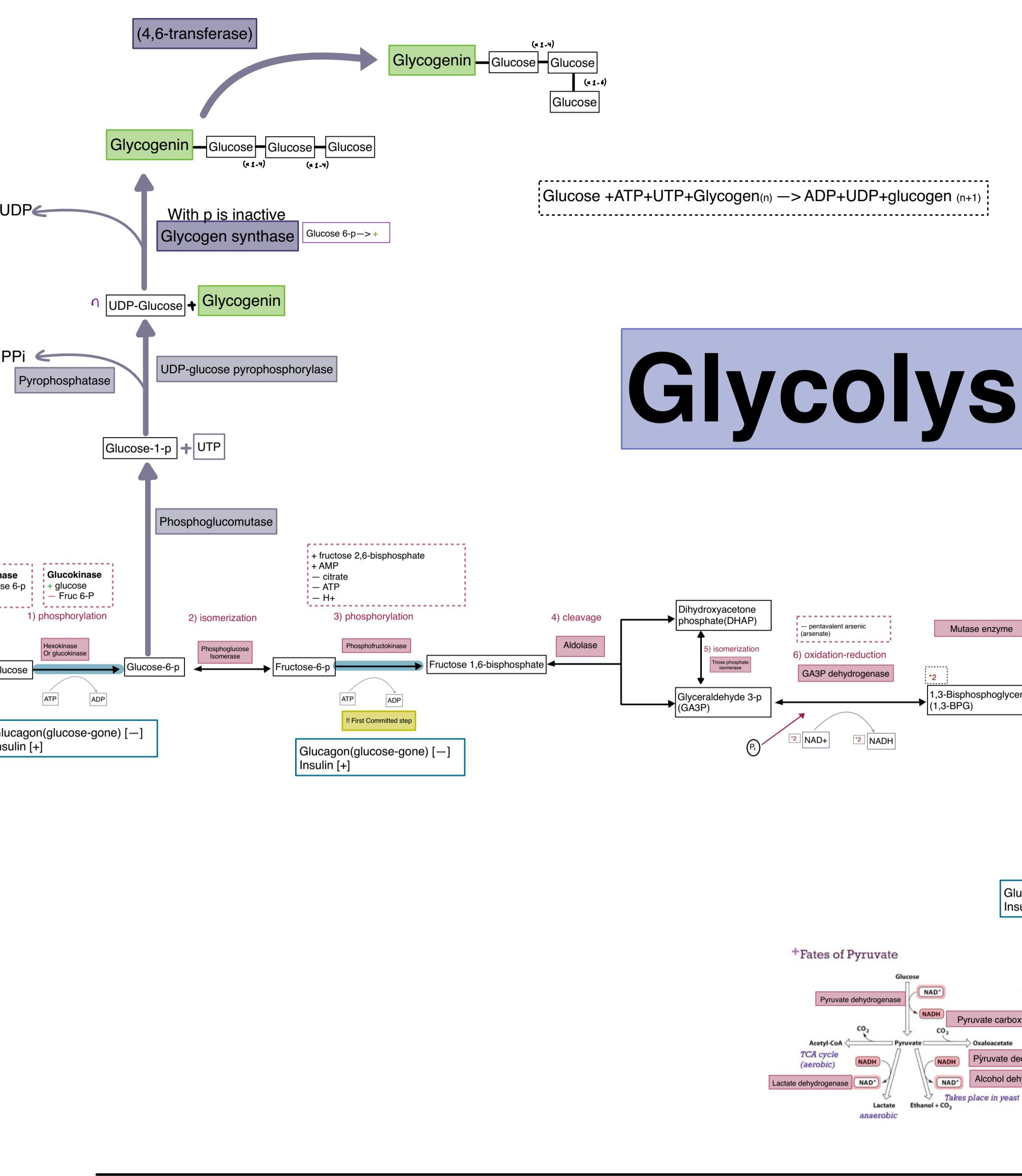
$$\text{C}_6\text{H}_{12}\text{O}_6 + 6 \text{ O}_2 \rightarrow 6 \text{ CO}_2 + 6 \text{ H}_2\text{O} + \text{ATP}$$



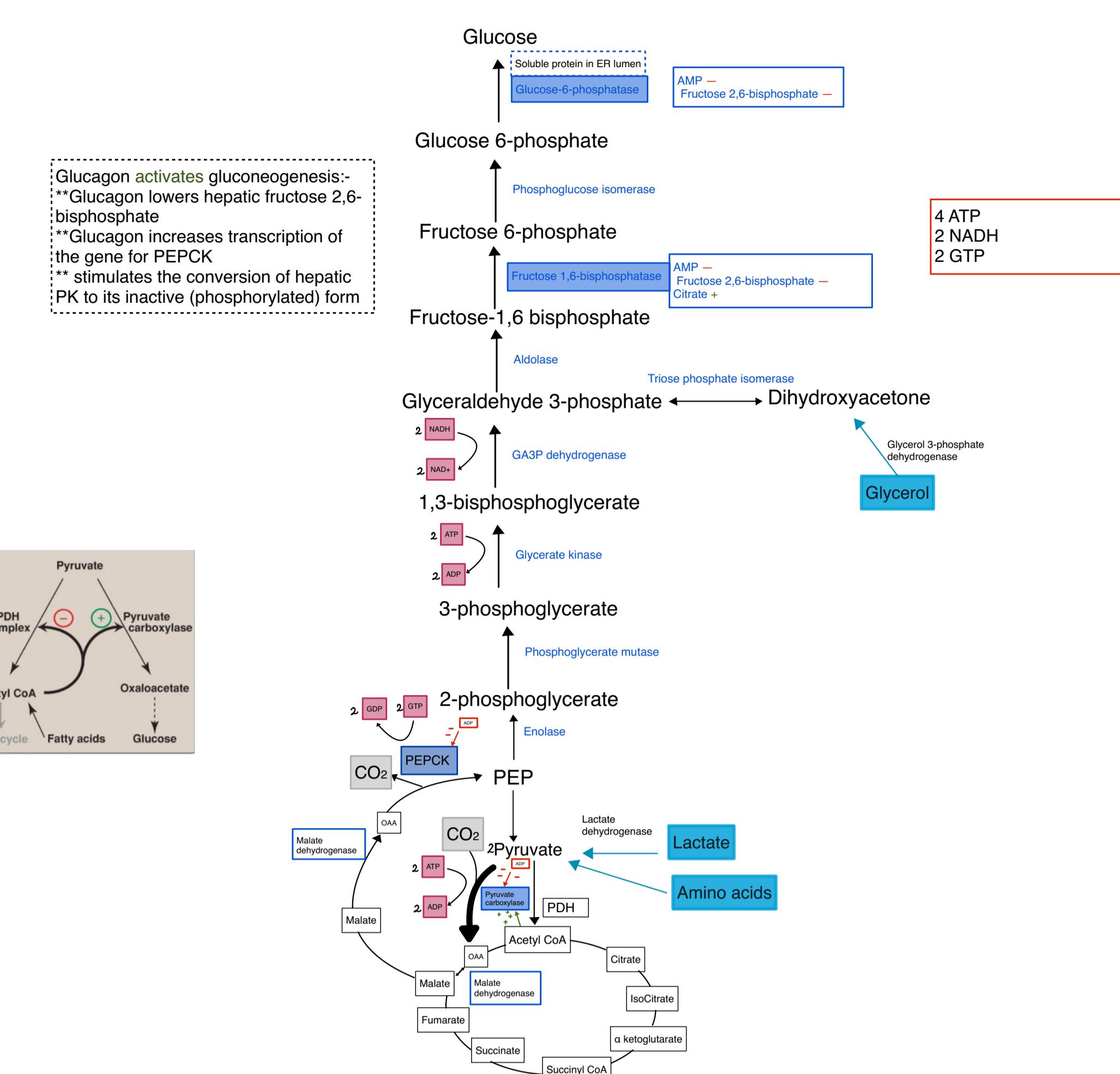
Metabolism of monosaccharides and disaccharides



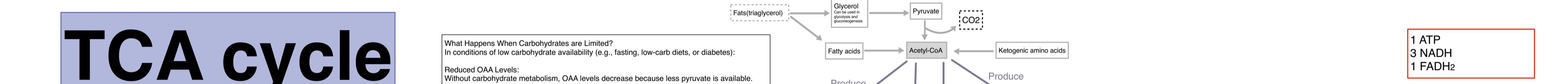
Glycolysis



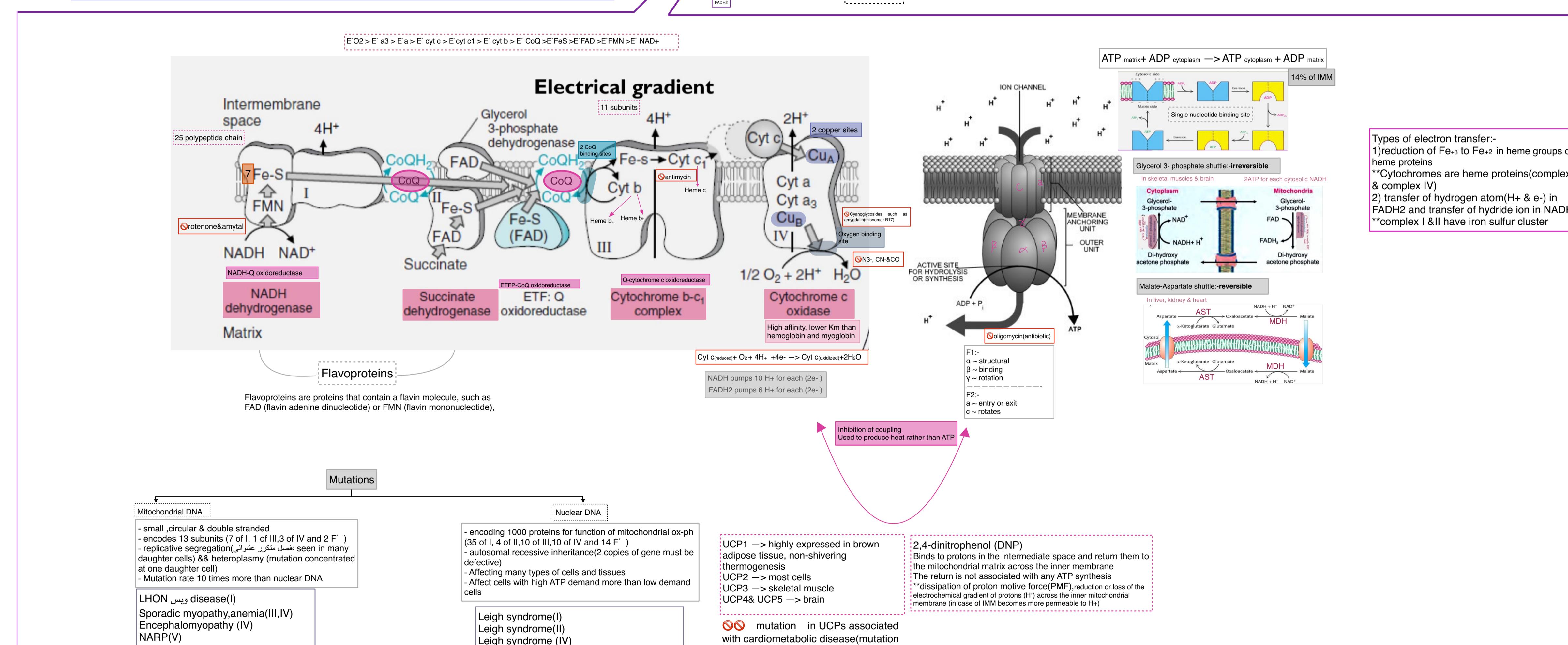
Gluconeogenesis



TCA cycle



Oxidative phosphorylation



وسعٌ حَسْنٌ، رَحْمَةٌ وَعِلْمٌ