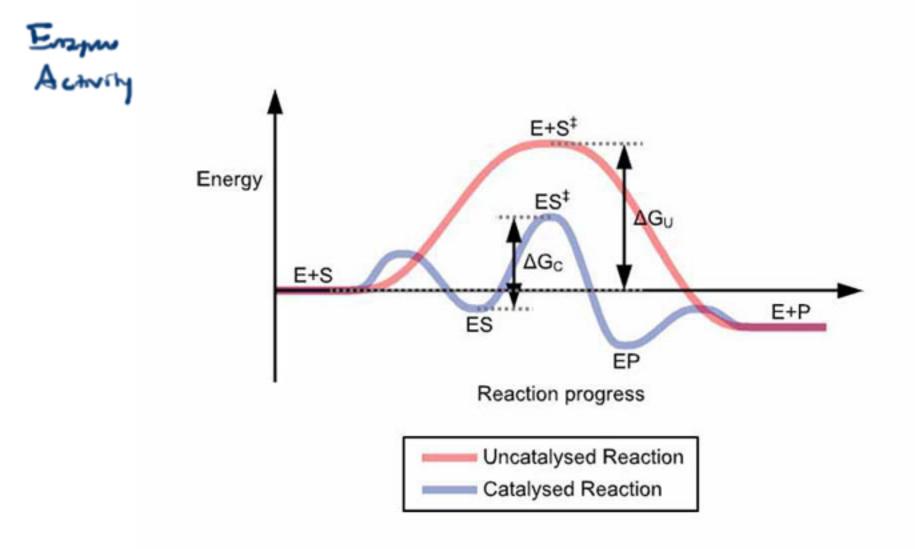


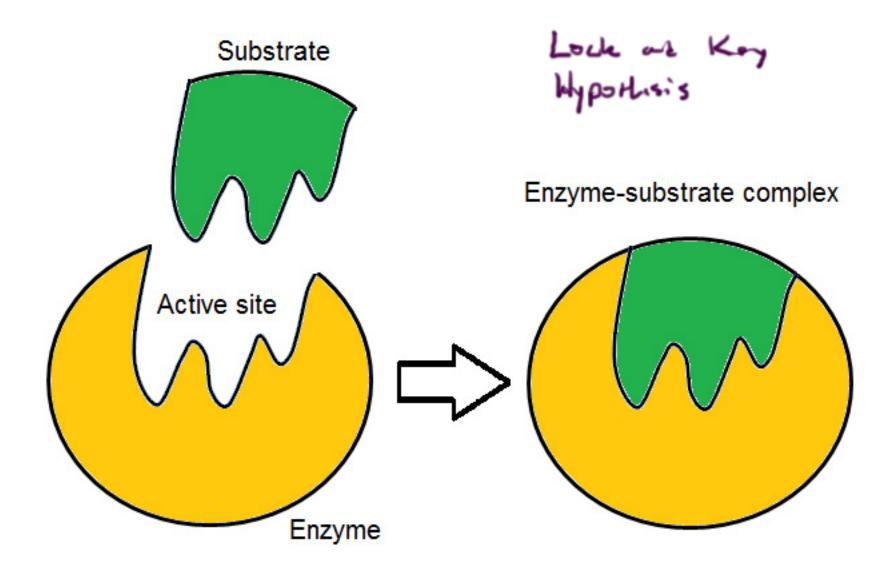
Enzyme Activity

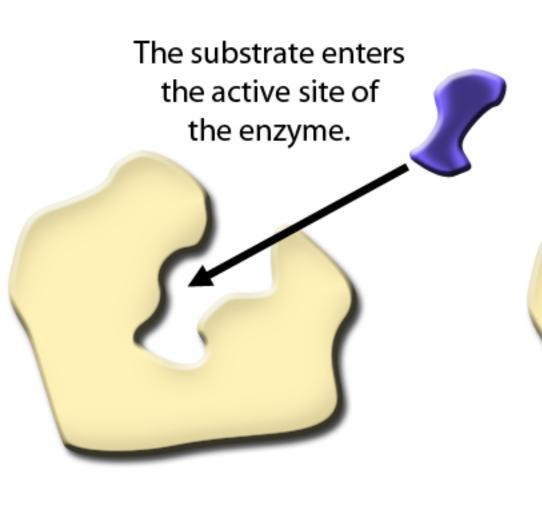
Session Slides with Notes

This PDF includes the teaching slides the Integrated MCAT Course (www.integrated-mcat.com). Many of the figures used in this presentation are creations of the Integrated MCAT Course, published under a Creative Commons Attribution NonCommercial ShareAlike License. Attribution information for the public license figures which are not our creations, as well as downloadable teaching slides, can be found at www.integrated-mcat.com/image_archive.php.



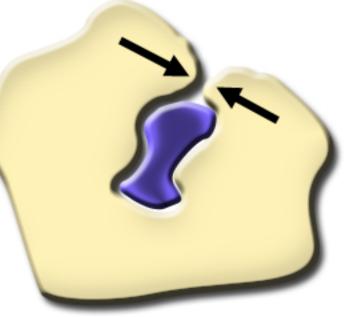




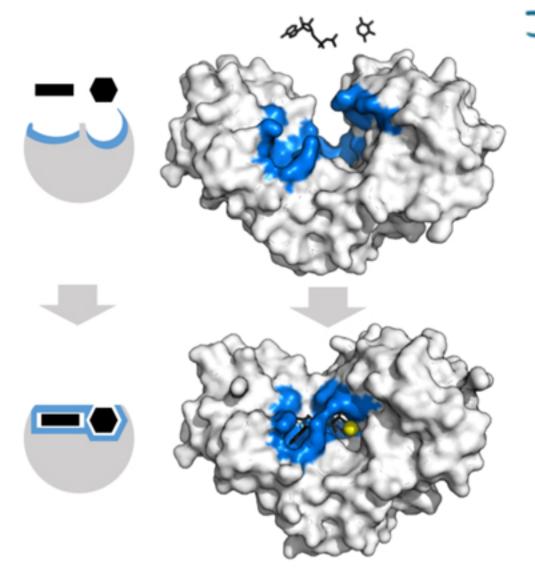


Induced Fit

The enzyme clamps down around the substrate, forming an induced fit.

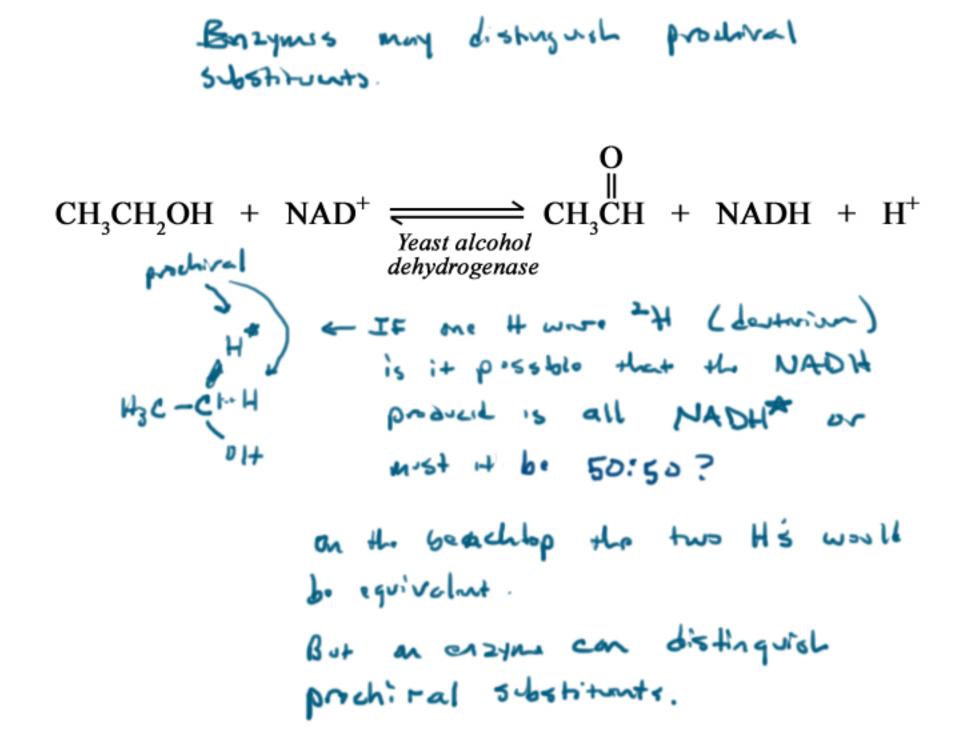


not only binding but also turnorm

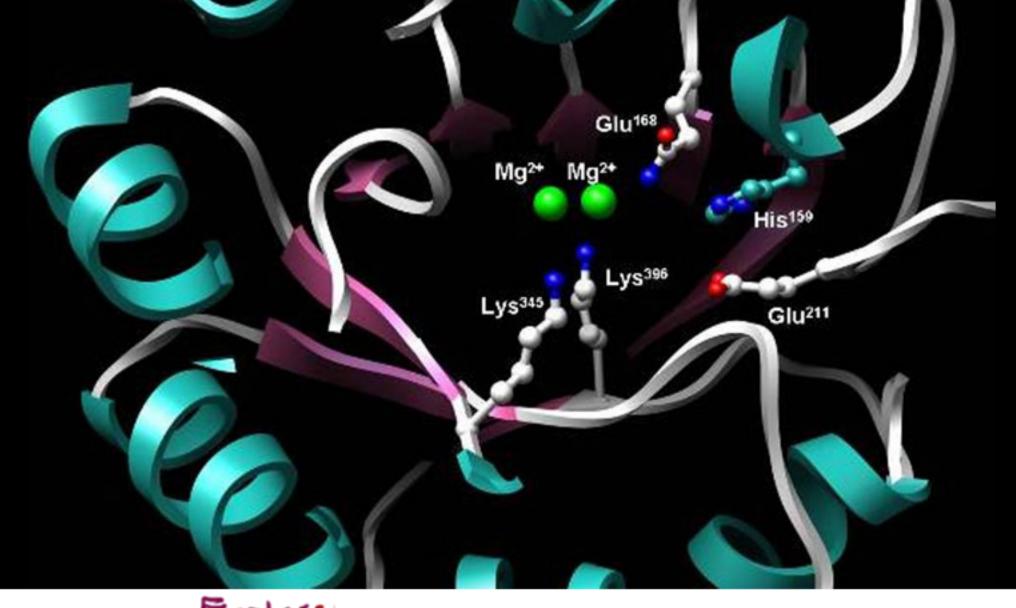


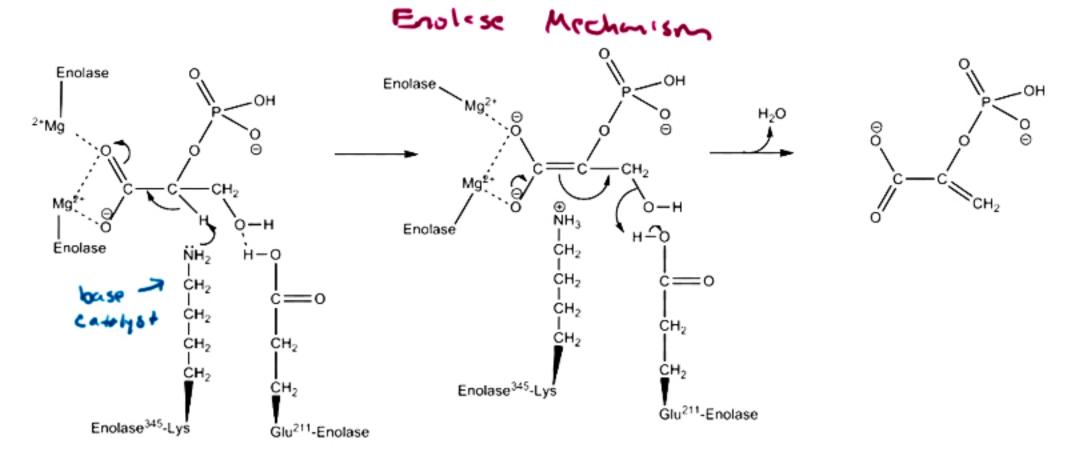
Induced Fit In Hexokauss

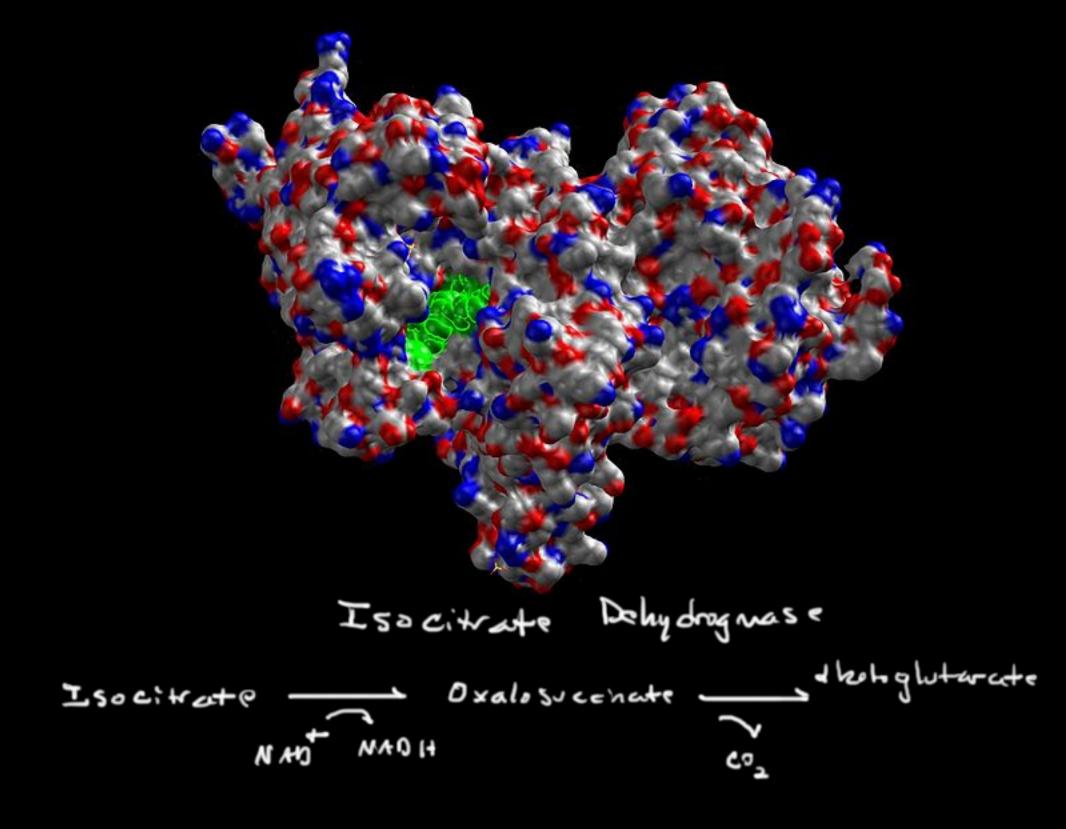
glucose + ATP --- 66P + ADP

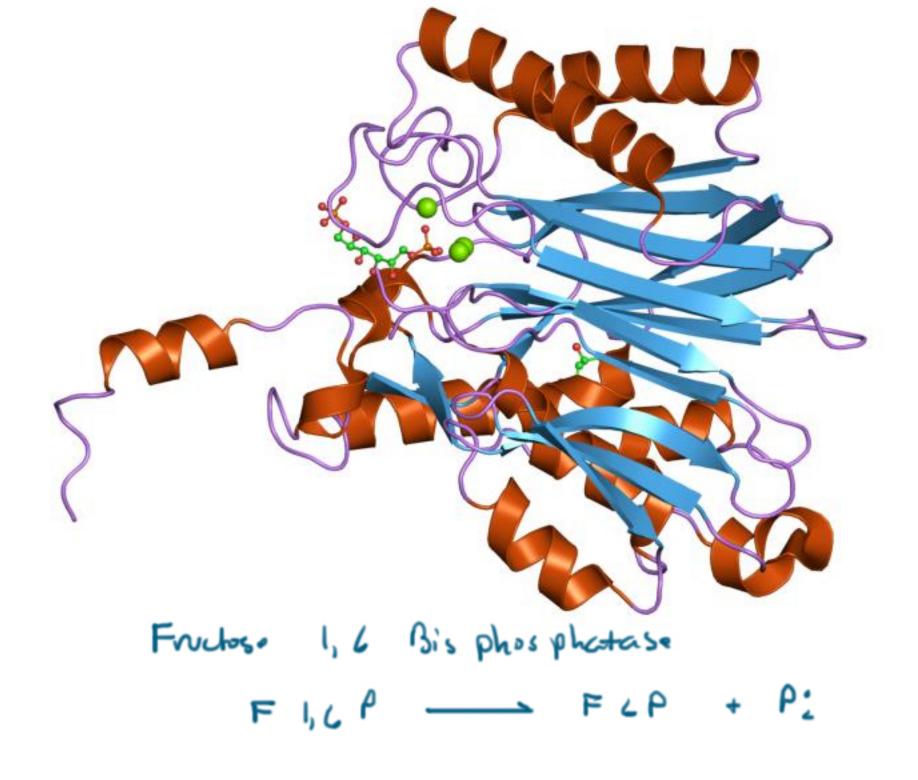


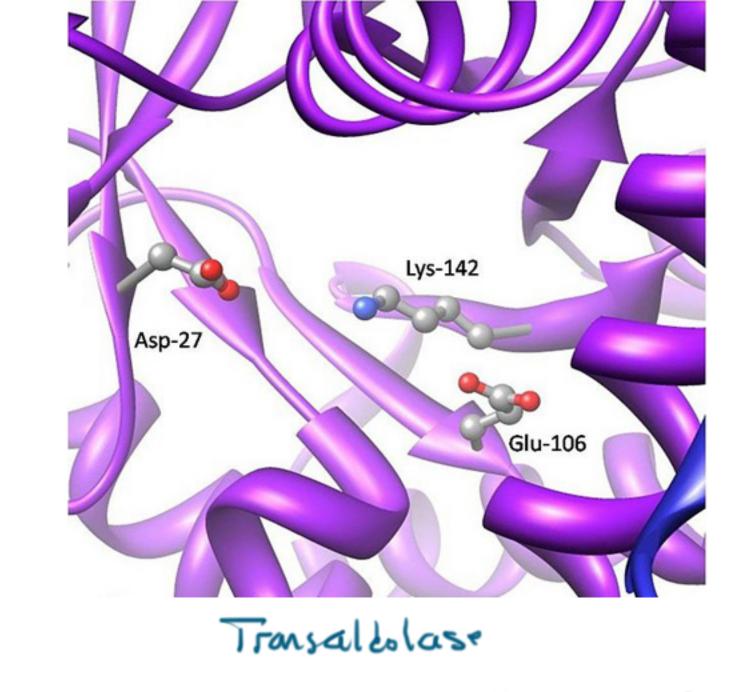
2-phosphozycorete - phosphoendprovete





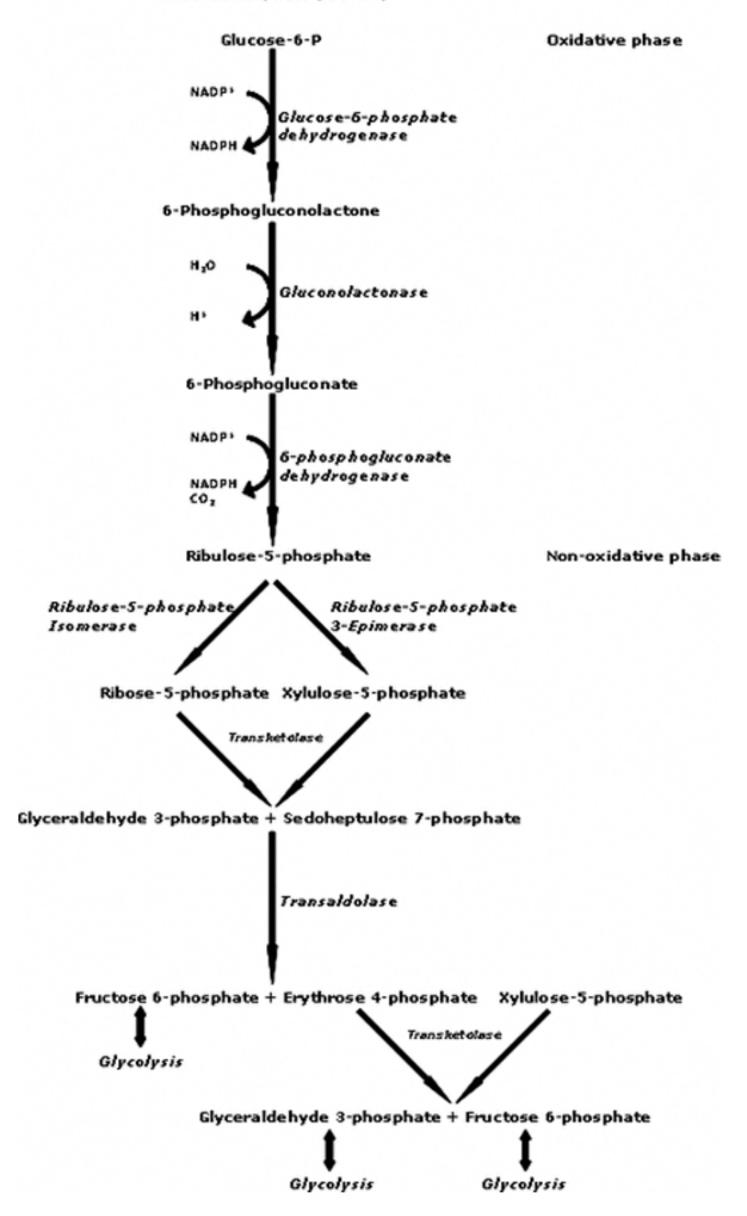


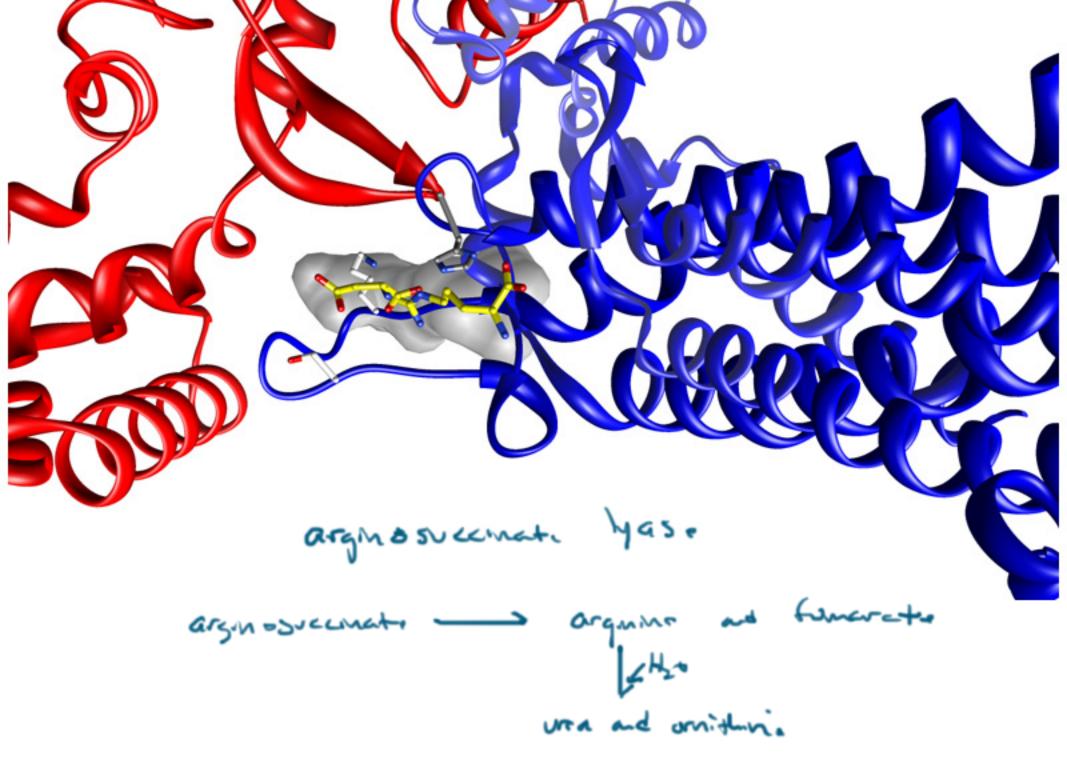




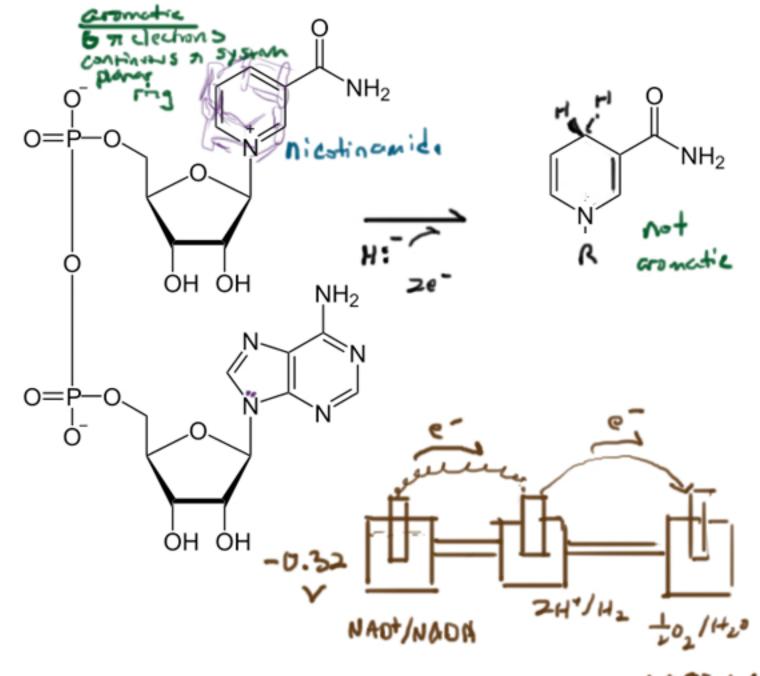
57P + 63P -> E4P + FLP

Pentose Phosphate pathway

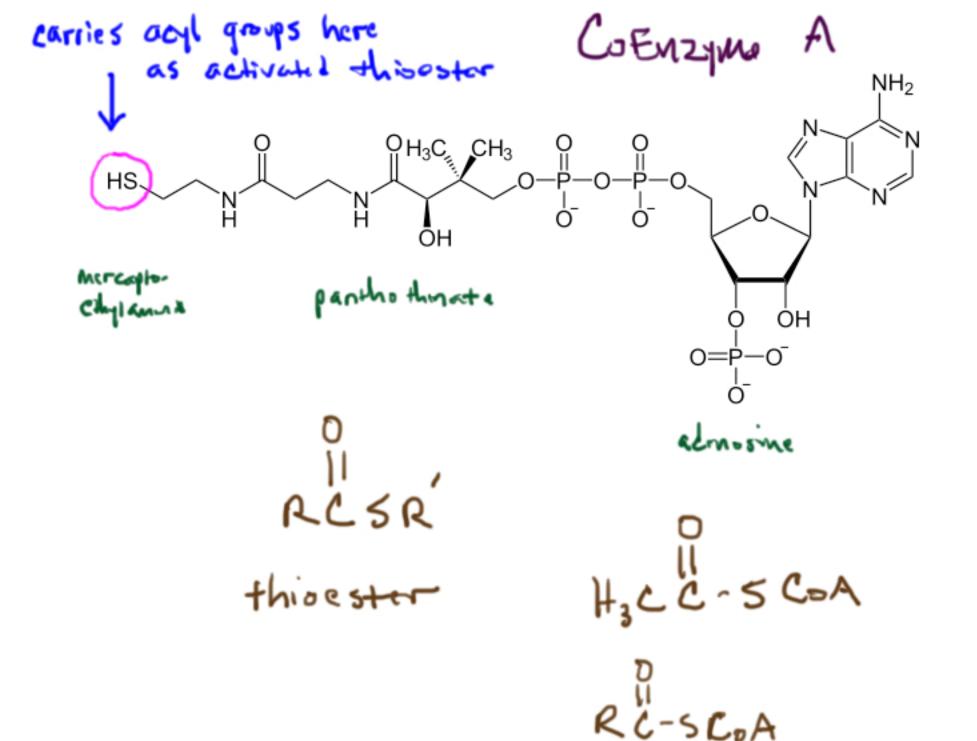


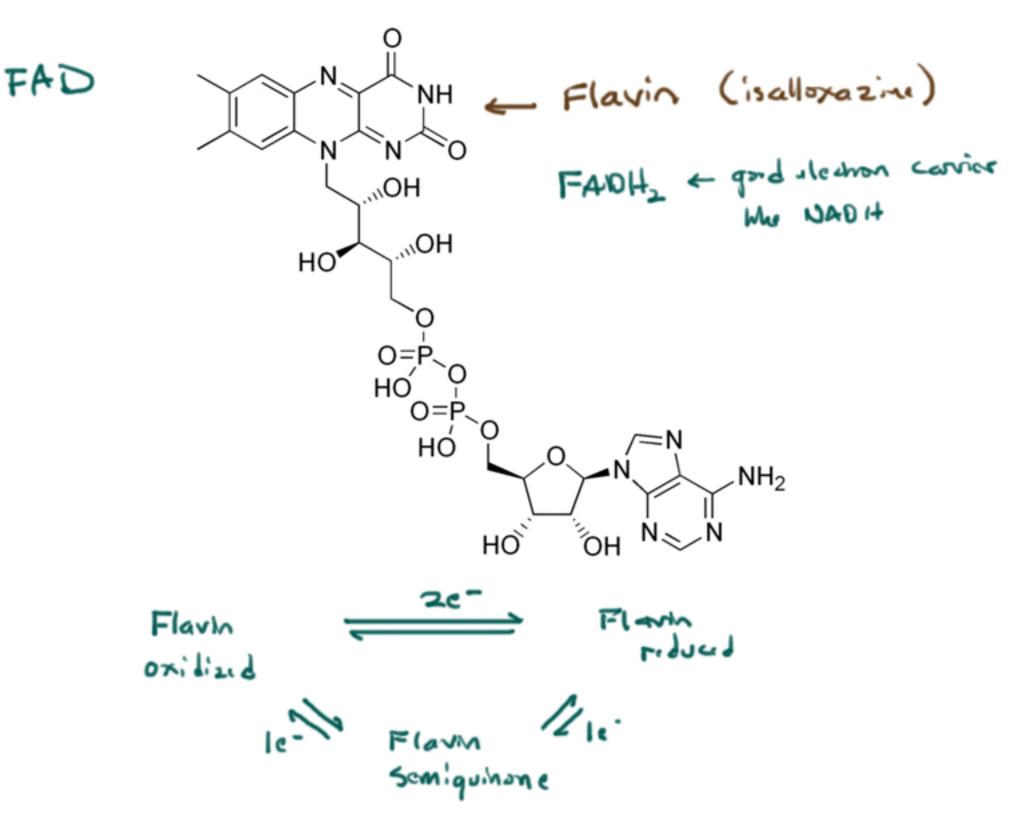


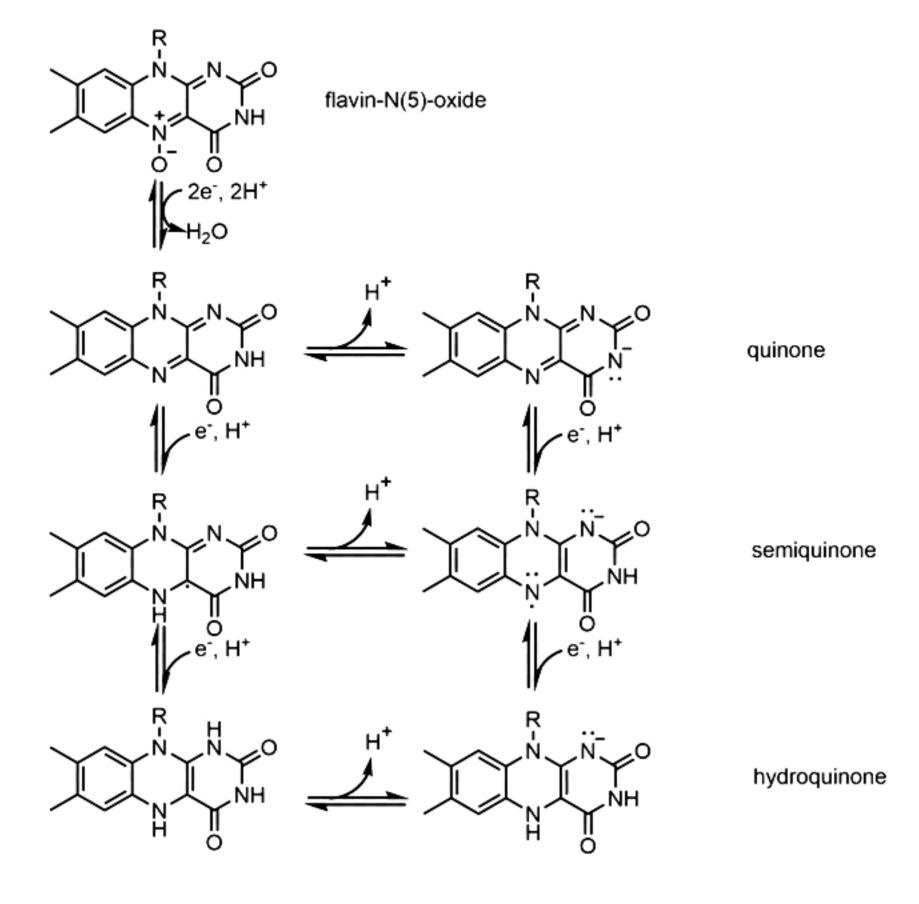




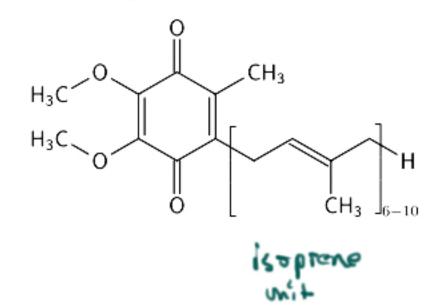
+0.82 V

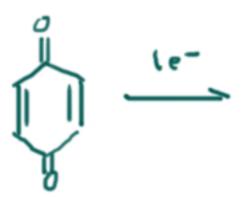


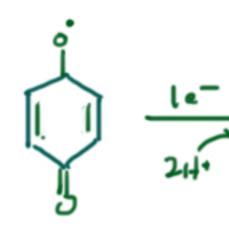


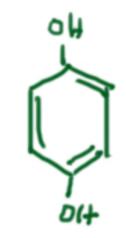


Ubiquinone - CoQ







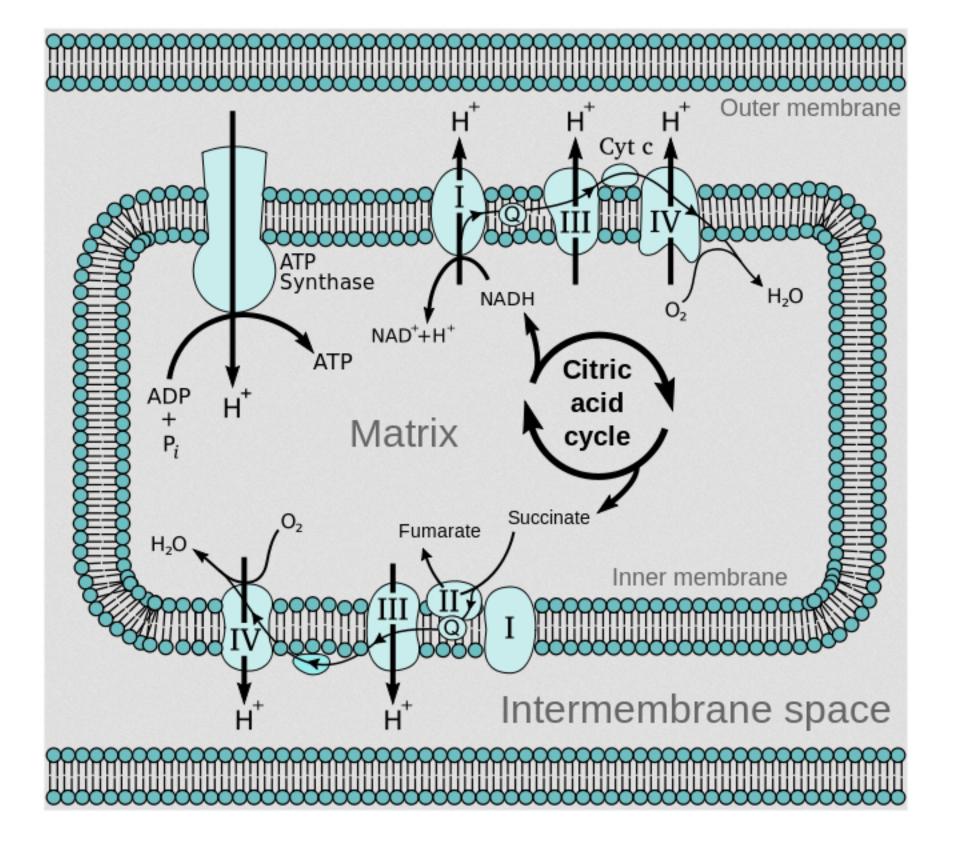


Brazogunanc

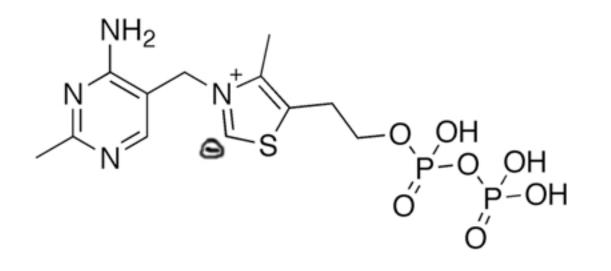
Scalquurne

Quinal

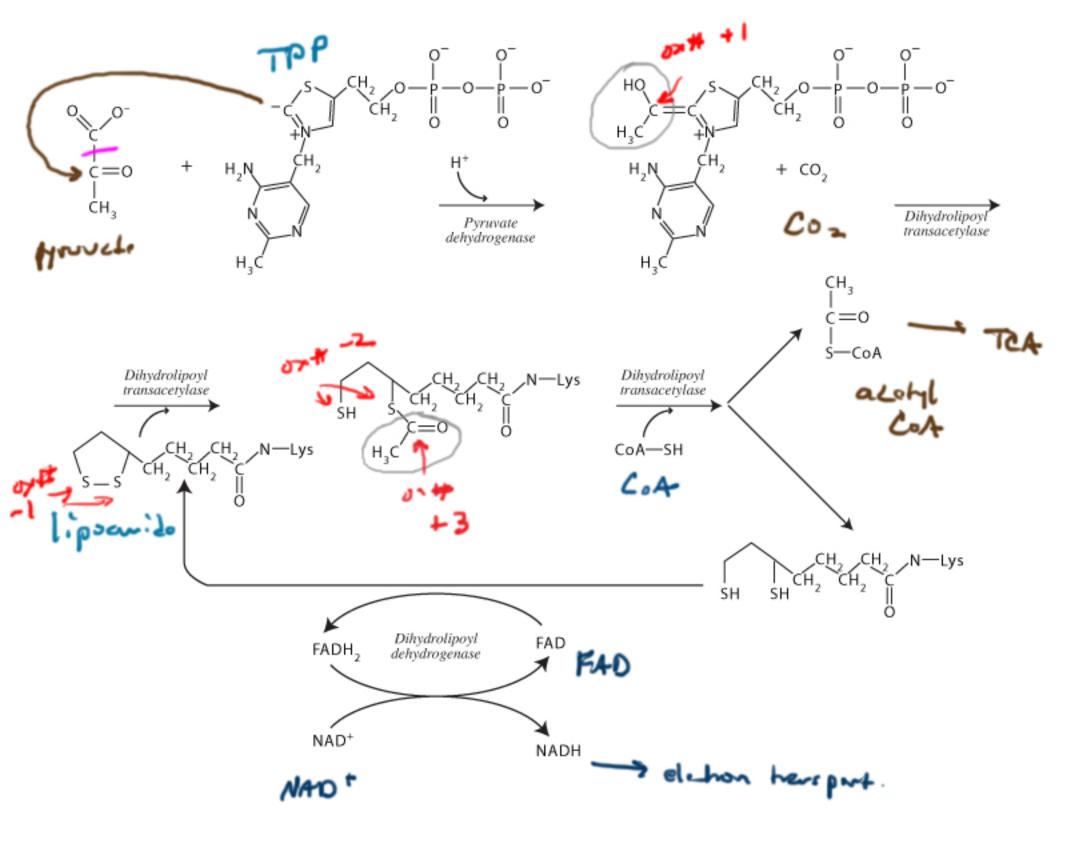
stuble radical

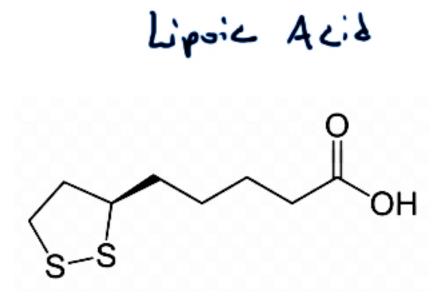


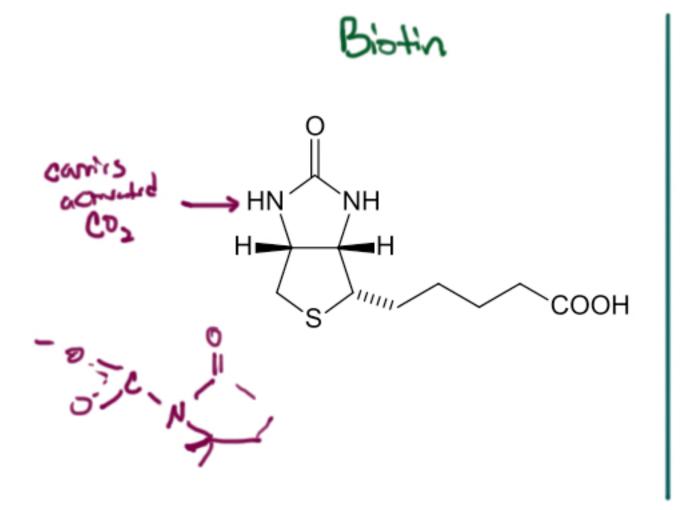
TPP . Thiank Pyrophosphete



- · provate delyngenesa
- · a heroglateret blydresonere
 - · transhertolese

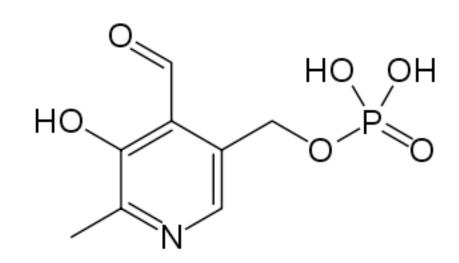




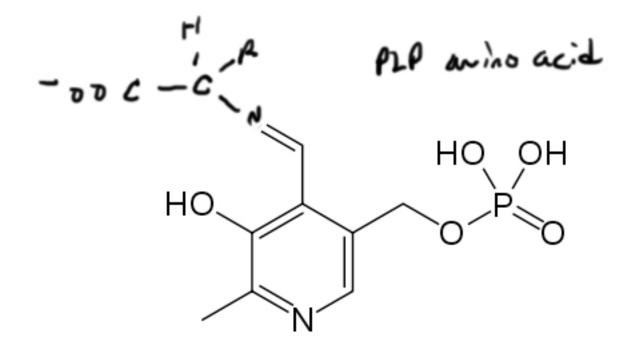


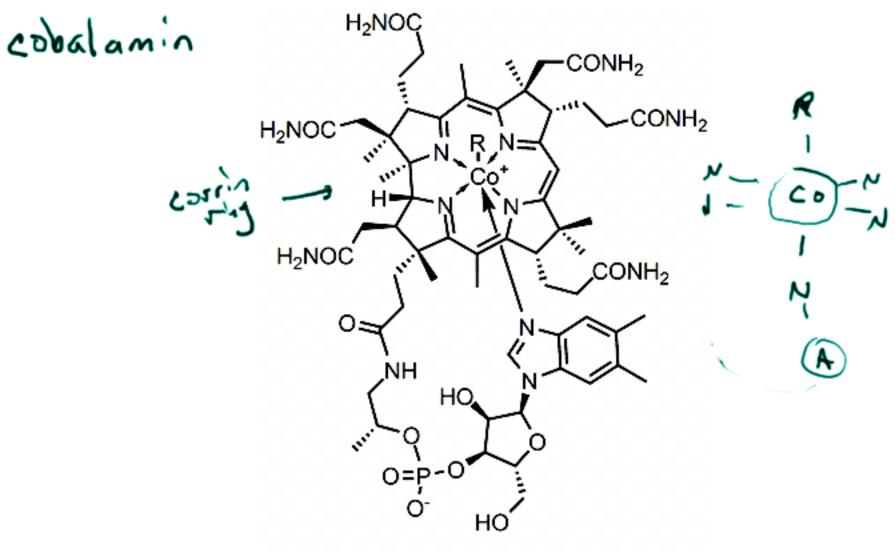
Buditop application Bistinglatin - adding broth for binding +• avida 5 affinity chouce tog raphy

PLP



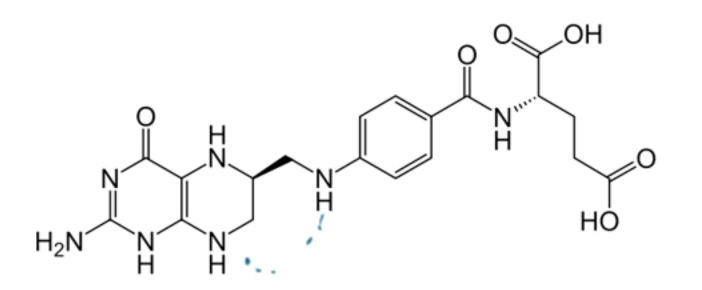
" the chino acid chamimy cocazyono"





R = 5'-deoxyadenosyl, Me, OH, CN

Folate



donor of single corbon with (methyl, formyl. avanity of types.