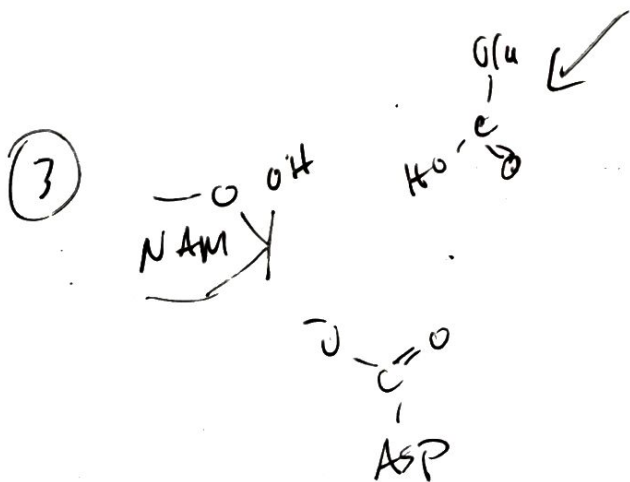
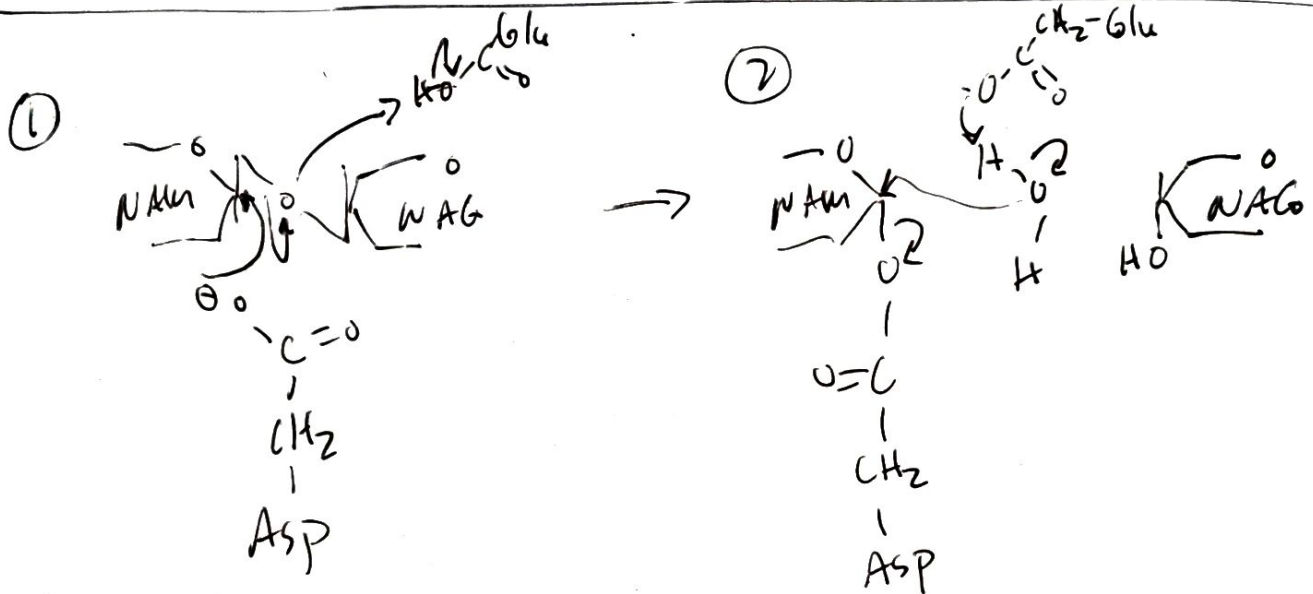


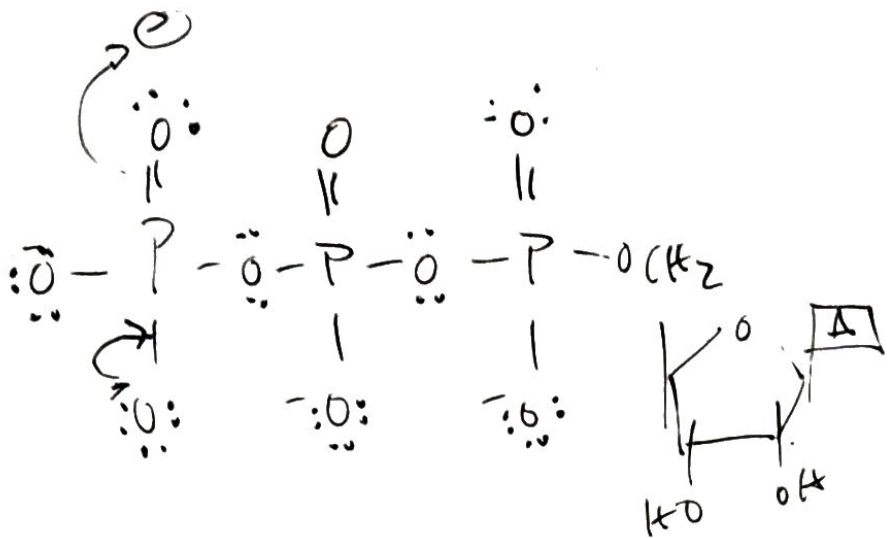
##- 13 Nov ##

① CHP - Electrophiles
nos - Nucleophiles

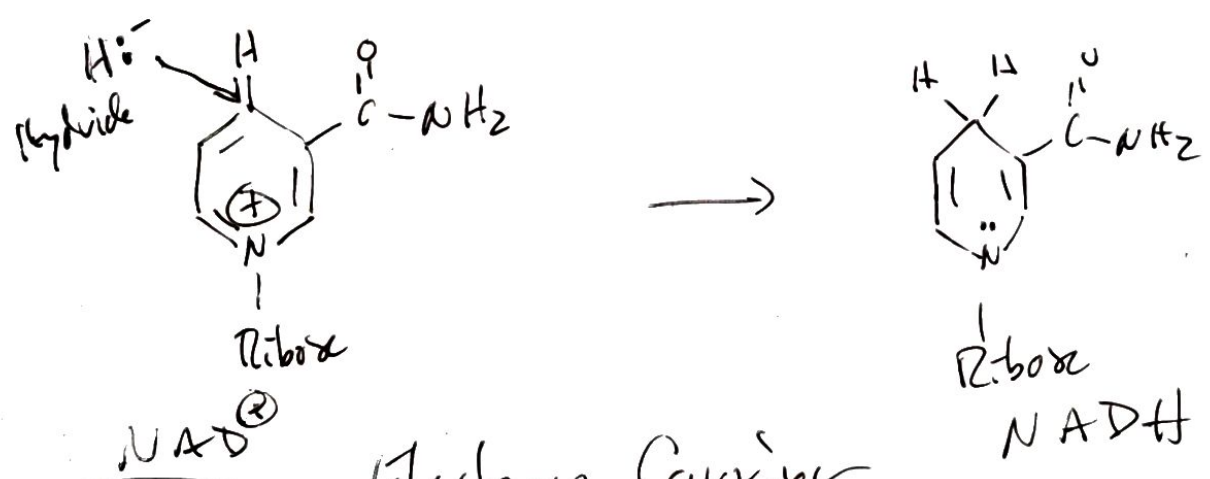
② Substrate Amino Acids
Products

③ Attack δ^+ atoms (electrophiles) with your nucleophile





- ① Charge Density
- ② Resonance - Stabilizes
- ③ -30 kJ/mol is a "Good Place"



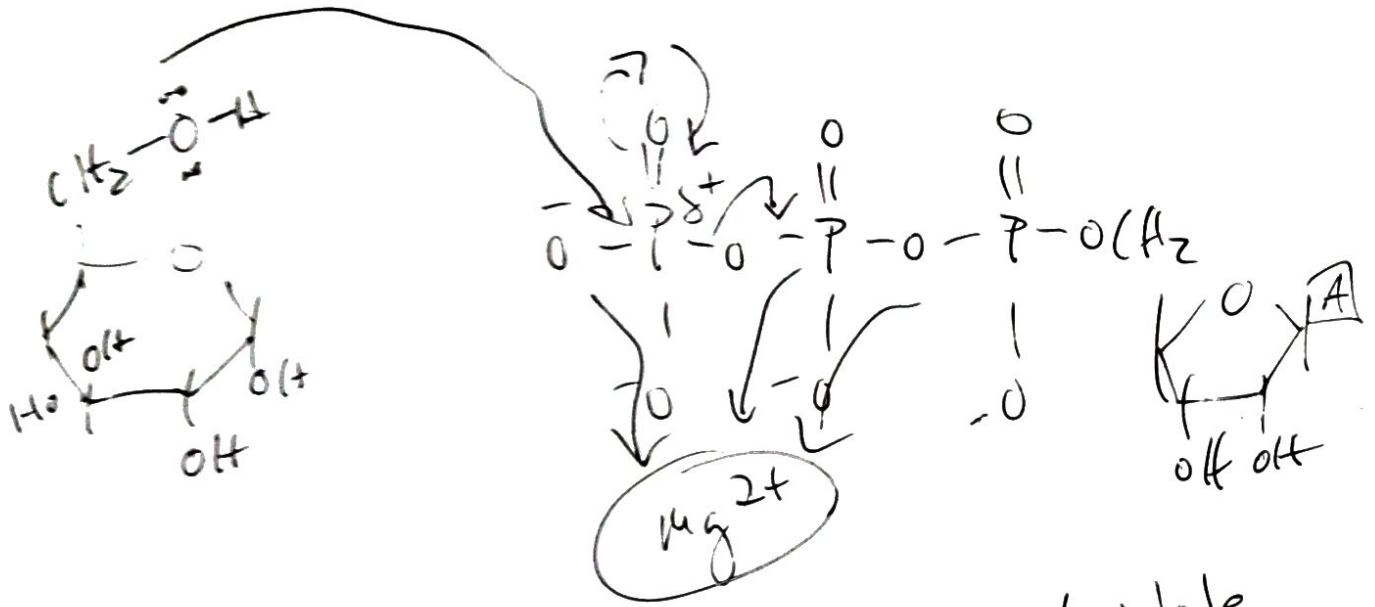
NAD oxidizes alcohols

Electron Carrier

Hydrides

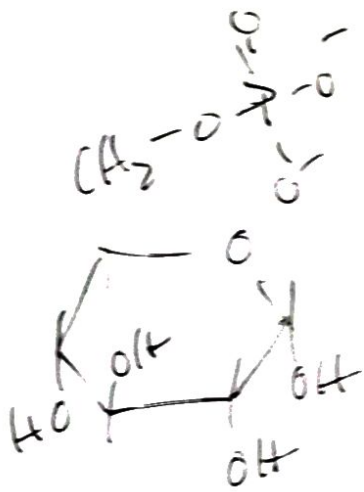
NADH = 2.5 ATP

NAD oxidizes C-C bonds

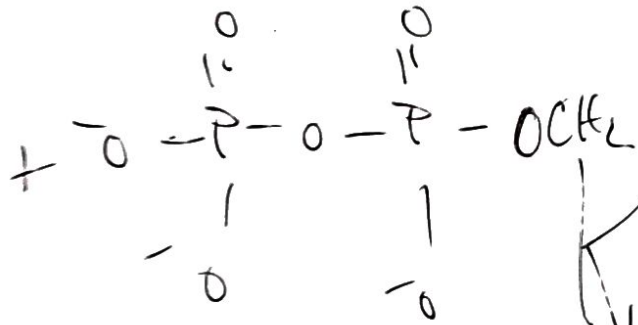


Hexokinase

Phosphorylate thing →



G-6P



ADP

TIME IS
Diffusion Rate Limited