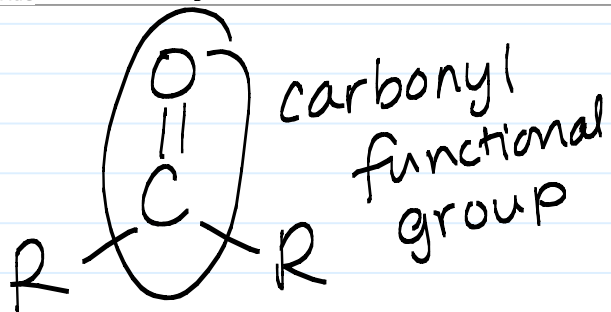


# Carbonyl Chemistry (Chapter 16)

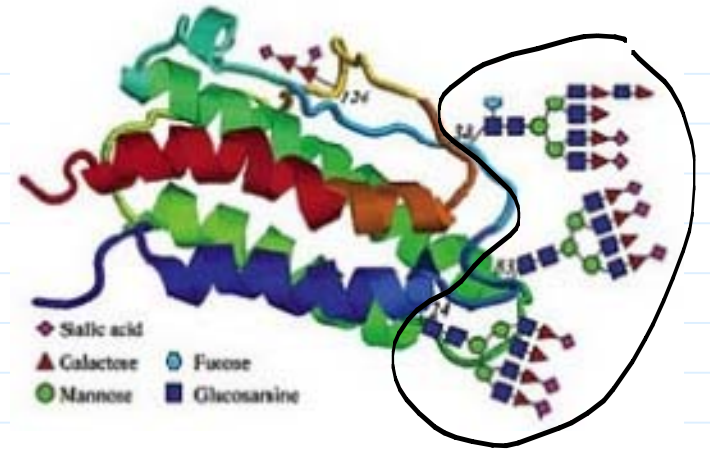
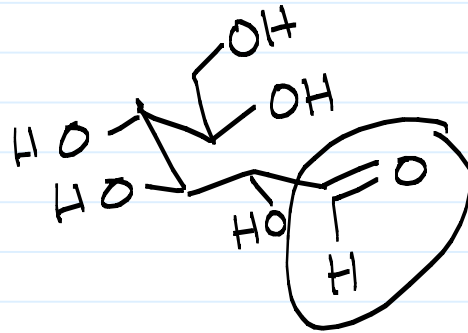
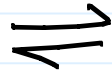
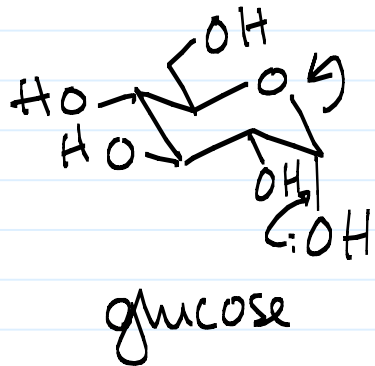
Note Title

3/24/2014



- important in organic synthesis
- important in biology

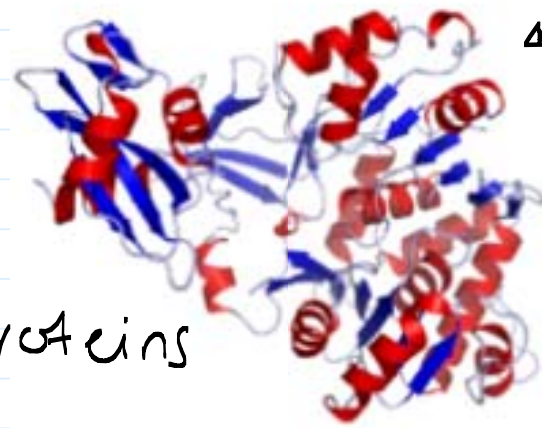
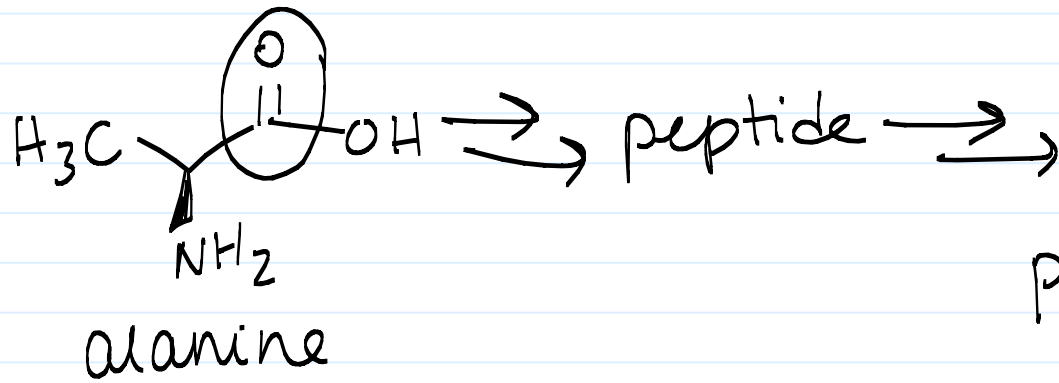
## SUGARS



## Erythropoietin

- glycoprotein
- treatment for anemia
- just synthesized by Danishefsky Lab @ Sloan-Kettering Cancer Institute

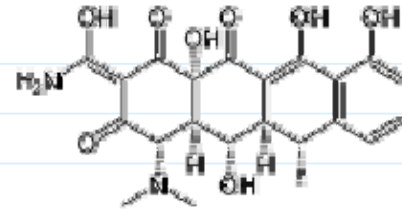
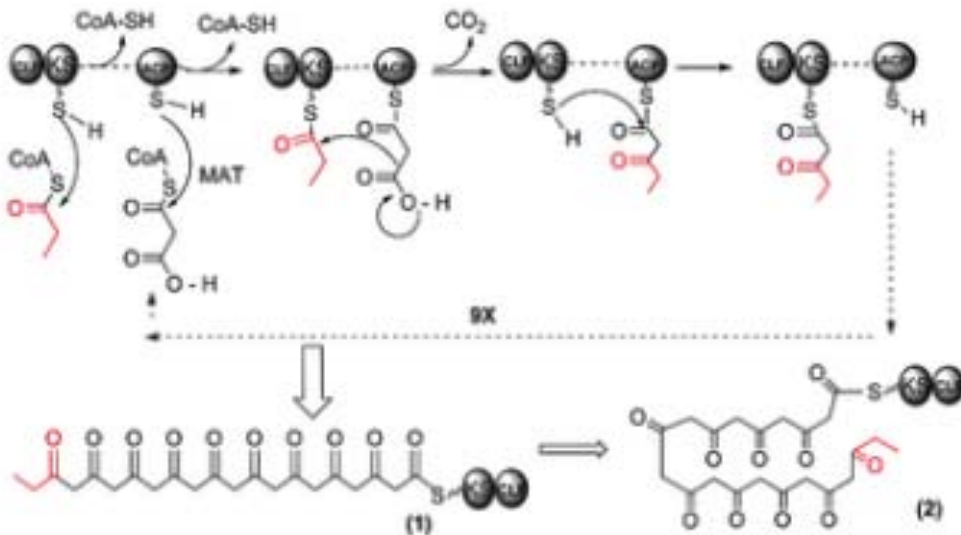
# Amino Acids



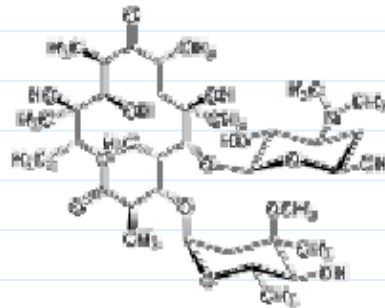
firefly luciferase



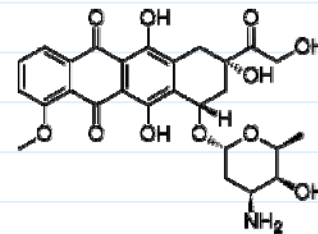
# Polyketide Biosynthesis



doxycyclin  
(antibiotic)



erythromycin  
(antibiotic)



doxorubicin  
(anti-cancer drug)