



CHEM 330 Biochemistry I

Fifth Week

October 3 – October 7, 2011

Assignments

- Reading – please read pages 512-521
- Chapter 6 – Reading should be completed.
- Problem set #8 is due Tuesday (10/4/11)**
- Chapter 5 – Reading should be completed before class on Tuesday (10/4/11)
- Be ready to discuss the Discussion problem by Friday (10/7/11)**

Reminders

- The solutions to the problem sets and to the exam questions are posted on the course website for your edification.

“Animals could not remain in health when fed only the staminal principles, the saccharin, oleaginous, and albuminous.” – François Magendie (1816)

“Although largely unknown in the United States until the twentieth century, as many as 170,000 cases of pellagra were reported annually from 1910 to 1935 in the southeastern portion of the United States.” – White, Handler, & Smith (1959)

“Making ethanol from sugar and then consuming it is energetically far more wasteful than simply consuming the sugar. Researchers have long pondered why yeast goes to all that trouble. Although it might be nice to think that there is a creature out there whose raison d’être is to party, evolution doesn’t work that way.” – Siëlle Gramser (2005)

“The noncovalent forces through which substrates and other molecules bind to enzymes are similar in character to the forces that dictate the conformations of the proteins themselves: both involve van der Waals, electrostatic, hydrogen bonding, and hydrophobic interactions.” – Voet & Voet (2004)