Extra Credit Option for Spring Break:

Those of you interested in picking up a few extra credit points can use one of the enzymes listed below (assigned by microscope number/seat location), and following the instructions outlined under Exercise C – Enzyme Investigation and Introduction to Informational Databases, on page 162 of your laboratory manual.

Enzymes for this project are:
1. Phosphohexokinase – For use by students #1, 10, 19 and 28.
2. Phosphohexoisomerase – For use by students #2, 11, 20 and 29.
3. Alcohol dehydrogenase – For use by students #3, 12, 21 and 30.
4. Succinate dehydrogenase – For use by students #4, 13 and 22.
5. Malate dehydrogenase – For use by students #5, 14 and 23.
6. Nucleoside diphosphokinase – For use by students #6, 15 and 24.
7. Pyruvate dehydrogenase complex – For use by students #7, 16 and 25.
8. Bisphosphoglycerate mutase – For use by students #8, 17 and 26.
9. Alpha-ketoglutarate dehydrogenase – For use by students #9, 18 and 27.

Students using microscopes along the side counter are assigned #25-30 with #25 being the student closest to the front of the lab and #30 being the student closest to the eyewash station.

PLEASE NOTE – The informational databases described in the laboratory syllabus are interactive and subject to change over time. Although the lab manual provides instructions for "navigating" these databases, some icons on individual pages may have changed in form or location. It is often necessary to open multiple windows/pages (some may not be listed) and/or to "click on" icons not described. If you open multiple windows, remember it may be necessary to "back out" through multiple windows to return to your starting place. In general, be investigative and put some thought into finding the required information.

To access NCBI (step #7), go to Google and type in NCBI in the search window. When the Google page opens, NCBI will be the first entry and then you can "click" on it and follow the instructions for accessing information from Entrez, PubMed, OMIM, etc. as listed on the NCBI home page.