INTRODUCTORY BIOCHEMISTRY LABORATORY

01:694:313 Spring 2005

Required text: Experimental Biochemistry by Switzer and Garrity

Course Coordinator: Dr. F. Deis, Nelson A-311, phone 732-445-2814, deis@rci.rutgers.edu

Tests and some lectures will be in Nelson A-237, the second floor conference room
Laboratory meets in Nelson B-437 
   sec 01, Thu 4-5 (1:10 PM) 44381
   sec 02, Fri 1-2 (8:10 AM) 44382
   sec 04, Tue 7-10 PM 45922
   sec 05, Thu 7-10 PM 44383

Teaching Assistants: Lee Scozzare, hansa@si.rr.com (01 and 05)
   Avantika Gopalakrishnan, avantika@eden.rutgers.edu (02 and 04)

This syllabus is tentative and is subject to change:
Week of Tuesday:

Jan 25 [no experiment] “Get Acquainted” session
Feb  1 Experiment 1 Photometry
Feb  8 Experiment 2 & 6 Amino Acids & Proteins
Feb 15 (Expt 25) Bioinformatics
Feb 22 Experiment 4 Electrophoresis of Proteins
Mar  1 QUIZ
Mar  8 Experiment 12 Carbohydrate
Mar 15 [no experiment] Spring Break
Mar 22 Experiment 7 Galactosidase Km
Apr 29 Experiment 7 Galactosidase Inhibition
Apr  5 Expt 19 & Miniprep DNA, plasmids
Apr 12 Molecular Biology Restriction Cleavage Videos

Apr 19 FINAL

Attendance at lab is required. Absences cause your grade to be lowered. Lab notebooks will be checked regularly. Laboratory work requires not only your physical presence, but also that your work be checked as satisfactory by your laboratory instructor before you leave.

Lab grades are determined by the teaching assistants. Lab quiz scores, lab reports, attendance, and overall performance will be considered in determining the course grade.

Please be considerate and remember that several other sections utilize the same space -- clean up your area and your glassware before you leave!