

BIMM 134
Biology of Cancer
Class TAs:

Instructor:
Required text:
Office Hours for Dr. Johnson:

Tuesday, Thursday 9:30-10:50
Price Center Theater
Anil Narasimha: anarasim@ucsd.edu
Timothy O'Sullivan: tiosulli@ucsd.edu
Randall Johnson, Ph.D.
The Biology of Cancer, by R. Weinberg
2 pm-4pm Fridays, NSB 5328

Assigned reading:

Tuesday, March 30	Introduction to Cancer Biology	Ch. 1, 2
Thursday April 1	Tumor Viruses/Oncogenes	Ch. 3, 4
Tuesday, April 6	Growth factors and receptors	Ch. 5
Thursday April 8	Signal transduction and Cancer	Ch. 6
Tuesday April 13	Tumor Suppressor genes	Ch. 7
Thursday April 15	Cell cycle and Cancer	Ch. 8
Tuesday April 20	p53 and apoptosis	Ch. 9
Thursday April 22	Immortalization and tumor growth	Ch. 10
Tuesday April 27	Stages in tumor growth	Ch. 11
Thursday April 29	Stages in tumor growth	Ch. 11
Tuesday May 4	Genetic damage and repair in cancer	Ch. 12
Thursday May 6	<u>Midterm Exam</u>	
Tuesday May 11	Tissue-tissue interactions in cancer	Ch. 13
Thursday May 13	Tissue-tissue interactions in cancer	Ch. 13
Tuesday May 18	Invasiveness and metastasis	Ch. 14
Thursday May 20	Invasiveness and metastasis	Ch. 14
Tuesday May 25	Cancer immunology	Ch. 15
Thursday May 27	Cancer immunology	Ch. 15
Tuesday June 1	Cancer Therapeutics	Ch. 16
Thursday June 3	Cancer Therapeutics	Ch. 16
<u>Tuesday June 8</u>	<u>Final Exam</u>	<u>8:00AM-11:00AM</u>

The course grade will be based 1/3 on the Midterm, and 2/3 on the Final Exam (and see below). The Midterm will be a Scantron-based multiple choice exam; the Final Exam will be made up primarily of short answer questions. The Final will be comprehensive, and will cover material from the whole course equally. Examples of past Midterms and Finals can be found on the course WebCT site.

The Midterm is optional, and will only be used to improve the final grade. In other words, if the Midterm, added to the Final, improves your grade, it will be used to determine your course grade; if it does not improve the course grade after being added to the Final Exam score, it will be dropped, and your course grade will be determined based on your score on the Final Exam alone. You can also choose not to take the Midterm. The Final is **not** optional.

This course will be podcast, and lecture notes, taken by the TAs, will be posted on WebCT.

Questions about the course can be directed to the Professor immediately after class, or at office hours; or can be emailed to the TAs (see email addresses above). Emailing the Professor is unfortunately not likely to result in a timely reply, as he feels that if you **really** want his opinion, you should be able to come up to him after class or during office hours, and ask for it. You can also make an appointment with him if neither of these options works for you. Questions regarding the notes should be directed to the TAs.

A small number of copies of the text will be on Reserve in the BioMed Library. Final Exams will be available through my project assistant, Ria Del Rosario, in NSB room 4119, beginning June 18th, 2010. Regrade petitions can be sent through the mail, to UCSD Mail Code 0377, and must be received **at the latest by June 25th, 2010.** Regrade requests received after this deadline will not be considered. **No regrade requests should be made personally, or by telephone, or email, as they will not be considered.**