

**BIMM 134**  
**Biology of Cancer**  
**Class TAs:**

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

**Tuesday, Thursday 2:00-3:20**  
**Warren Lecture Hall, Room 2001**  
**Kristine Park:** [kep002@ucsd.edu](mailto:kep002@ucsd.edu)  
**Trishna Katakia:** [tkatakia@ucsd.edu](mailto:tkatakia@ucsd.edu)  
**Prof. Randall Johnson**  
**The Biology of Cancer, by R. Weinberg**  
**10 am - 11 am Monday**  
**3 pm - 4 pm Friday, NSB 5328**

**Assigned reading:**

Tuesday,	March 29	Introduction to Cancer Biology	Ch. 1, 2
Thursday	March 31	Tumor Viruses/Oncogenes	Ch. 3, 4
Tuesday,	April 5	Growth factors and receptors	Ch. 5
Thursday	April 7	Signal transduction and Cancer	Ch. 6
Tuesday	April 12	Tumor Suppressor genes	Ch. 7
Thursday	April 14	Cell cycle and Cancer	Ch. 8
Tuesday	April 19	p53 and apoptosis	Ch. 9
Thursday	April 21	Immortalization and tumor growth	Ch. 10
Tuesday	April 26	Stages in tumor growth	Ch. 11
Thursday	April 28	Stages in tumor growth	Ch. 11
Tuesday	May 3	<b><u>Midterm Exam</u></b>	
Thursday	May 5	Cancer cell metabolism: Prof. Brian Keith, Univ. of Pennsylvania	
Tuesday	May 10	Genetic damage and repair in cancer	Ch. 12
Thursday	May 12	Tissue-tissue interactions in cancer	Ch. 13
Tuesday	May 17	Invasiveness and metastasis	Ch. 14
Thursday	May 19	Invasiveness and metastasis	Ch. 14
Tuesday	May 24	Cancer immunology	Ch. 15
Thursday	May 26	To be announced	
Tuesday	May 31	Cancer Therapeutics	Ch. 16
Thursday	June 2	Course summary	
<b><u>Tuesday June 7</u></b>		<b><u>Final Exam</u></b>	<b><u>3:00 PM-6:00 PM</u></b>

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 previous 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 course lecture notes (e.g., 'when will they be posted?') 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 20<sup>th</sup>, 2011. Regrade petitions should be sent to the Professor through the mail, to UCSD Mail Code 0377, and must be received **at the latest by June 24<sup>th</sup>, 2011.** 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.**