DNA Repair, Mutagenesis, Replication, and Environmental Toxicology
BMB 6209, 2 Credit Hour
Term: September 2, 2014 – December 19, 2014

Areas in yellow need addressing

Class Times: 2-5 PM, Fridays, 1st class day Friday, September 5, 2014

Location: MRB 6th floor conference room, Room 6.102

Class Size Limit: Minimum of 4 students; maximum of 10 students

Textbook: References provided by each lecturer depending on the topic

Course Director: Louise Prakash, PhD,
Professor, Biochemistry and Molecular Biology
Senior Scientist, Sealy Center for Molecular Medicine
6.104 Medical Research Building, l.prakash@utmb.edu
(409) 747-8601

Course Description: This course deals with various aspects of DNA repair, replication, and mutagenesis. A particular focus point will be the interrelationships among repair processes and other important cellular functions. This course uses the tutorial model. On the first class day, each student will choose the topic for his/her presentation from the list provided by the instructors. The list of topics will include state-of-the-art articles relating to the given topic. Generally, each student will be responsible for one in-depth presentation on the chosen topic. The first formal session will consist of an introductory lecture by the instructor(s). The following few weeks will be used for preparation by the students for their presentations, after which the first formal student presentation will begin. Since there are no written examinations and class participation is an important part of a tutorial-based class, it is expected that everyone will be actively involved in this endeavor.

While the focus of the course is on DNA repair and mutagenesis, the specific topics will vary from year to year.

Grades: Grades will be calculated based on performance in the following:
In-class presentation of topic chosen (60%)
Class participation (40%)

The grading may be subject to change at the discretion of the co-directors, but final course grades will be determined using the GSBS grading scale:

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90-100</td>
<td>A</td>
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<tr>
<td>80-89</td>
<td>B</td>
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<tr>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>69 or below</td>
<td>F</td>
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***Student end of course evaluations are required for all A/B/C/F-graded GSBS courses. Students are required to fill out the evaluations to receive a grade in the course. If the specified evaluation form is not received, an “I” Incomplete grade will be reported to the Office of Enrollment Services. If the course requirements are not completed within 30 days, the grade automatically converts to an “F” Failure grade. The evaluations are anonymous and will be available to course directors only after grades are assigned.

**Examinations/Evaluations:** There will not be any written examination

**Excused Absences:**
Since the course is highly interactive, attendance and participation are required. Students can be excused from graded assignments without penalty to their grade if an excused letter is obtained from the Program Director of the relevant Graduate program, **in advance**. If absences are excused, appropriate make-up work will be provided for students at the discretion of the co-directors.

**Important Dates:**

No GSBS classes
Thursday – Friday, November 27-28, Thanksgiving Holiday