

BIOL 47130-01 SEM

BIOL 79030-01 SEM

BIOLOGY OF CANCER PROGRESSION

Instructor: Olorunseun O. Ogunwobi, MD, PhD

## Grading

**Attendance:** Half a point could be deducted for missing a class at the Instructor's discretion.

Maximum points obtainable - **10**

### **Participation in class:**

Absolutely no participation at all – 0

Low level of participation – 5

Medium level of participation – 10

High level of participation – 15

Maximum points obtainable - **15**

### **Formal presentation of papers assigned to students in class:**

Pre-assigned student will lead discussion of assigned paper. Instructor will facilitate by asking questions or clarifying points, as necessary. Fellow students will ask questions throughout to generate spirited discussion. Very limited use of PowerPoint is permitted, but frequent use of White Board is encouraged.

Fails to discuss paper – 0

Discusses only limited sections of assigned paper – 5

Makes a good effort to discuss all sections of assigned paper – 10

Discusses all sections of assigned paper and able to identify main hypothesis addressed by the paper, the research questions, the main results, and implication of results to cancer progression – 15

Discusses all sections of model paper and able to identify main hypothesis addressed by the paper, the research questions, the main results, and implication of results to cancer progression. Also, able to identify at least one new hypothesis based on current data that needs to be addressed in future studies – 20

Maximum points obtainable – **20**

### **Final paper:**

Discuss components of final paper with Instructor as early as possible in the course. Final papers should be at least 10 pages (excluding references).

All term papers must reference original research papers wherever necessary to avoid plagiarism.

**Note:** The title chosen for your final term paper will also be the title of your final presentation.

Also, the contents of your final presentation in class must be discussed in your final term paper.

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The following aspects of the paper will be awarded points:

1. Length of writing – Should be at least 10 pages (excluding references)
2. Adequate referencing of primary research literature
3. Discussion of at least one hypothesis that could be tested in future research
4. Discussion of importance (significance and impact of topic to cancer progression)

No final paper submitted before deadline – 0

Less than 10 pages, does not adequately reference primary research literature, does not have a

section to suggest at least one hypothesis that should be tested in future research, does not discuss importance of topic to cancer progression – 10

At least 10 pages, but deficient in all four aspects mentioned above – 15

At least 10 pages, but deficient in three of the aspects mentioned above – 20

At least 10 pages, but deficient in two of the aspects mentioned above – 25

At least 10 pages, but with minor deficiency in only one of the aspects mentioned above – 30

Maximum points obtainable – **30**

**Final presentation:**

Discuss components of final presentation with Instructor as early as possible in the course.

The following aspects of the presentation will be awarded points:

1. Discussion of all aspects of topic included in final paper
2. Discussion of at least one hypothesis that could be tested in future research
3. Legibility
4. Use of illustrations/images
5. Clarity
6. Ability to answer questions
7. Discussion of importance (significance and impact) of topic to cancer progression

No final presentation given – 0

Deficient in more than three of the aspects mentioned above – 10

Deficient in three of the aspects mentioned above – 15

Deficient in two of the aspects mentioned above – 20

Deficient in only one of the aspects mentioned above – 25

Maximum points obtainable – **25**

**GRAND TOTAL OF ALL POINTS OBTAINABLE: 100**

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**General topic for final term paper and final presentations**

***PVT1 and carcinogenesis***

Students must choose a specific title that falls under this general topic. All term papers must reference original research papers wherever necessary to avoid plagiarism. Students must work alone. **Note:** The topic chosen for your final term paper will also be the topic of your final presentation. Also, the contents of your final presentation in class must be discussed in your final term paper. Students are encouraged to discuss issues related to their chosen topic, final term paper, or final presentation with the Instructor throughout the term.