

BIL 257 - HONORS SEMINAR IN CELL BIOLOGY - Spring 2006

ANAEROBIC-AEROBIC CELL METABOLISM & PHYSIOLOGY

Section 1D - Mondays - 11:15am to 12:05pm **Room SA166**
Charles Mallery (cmallery@miami.edu), Ashe Bldg. Rm200, 284-3188

<u>Week #</u>	<u>Date</u>	<u>Assignment</u>	<u>Paper Selection Due Dates</u>
1.	1/17	HOLIDAY	RANDOM DRAWING Paper Dates
1.	1/23	Introduction - Goals & Objectives:	
3.	1/30	Mallery – Topic suggestions	
4.	2/06	Library/Literature Search Day #1	No. 1 paper due 2/06 M pickup 2/10F
5.	2/13	Library/Literature Search Day #2	No. 2 paper due 2/13 M pickup 2/17F
6.	2/20	Presentation No. 1 (2)	No. 3 paper due 2/20
7.	2/27	Presentation No. 2 (2)	No. 4 paper due 2/27
8.	3/06	Presentation No. 3 (2)	No. 5 paper due 3/06
	3/11-19	Spring Recess	
9.	3/20	Presentation No. 4 (2)	No. 6 paper due 3/20
10.	3/27	Presentation No. 5 (2)	No. 7 paper due 3/27
11.	4/03	Presentation No. 6 (2)	No. 8 paper due 4/03
12.	4/10	Presentation No. 7 (2)	No. 9 paper due 4/10
13.	4/17	Presentation No. 8 (2)	
14.	4/24	Presentation No. 9 (2)	
15.	5/10	Written Papers due by 5:00pm	

Some recommended Resource Books:

Medical Physiology, by R.A. Rhoades & G.A. Tanner, Little Brown Publ., 1995

Physiology-3/e, by R.M. Berne & M.N. Levy, Mosby Year Book Publ., 1993

Biochemistry, by Lehninger, Nelson & Cox, Worth Publishing, 2nd edit, 1993.

Essential Cell Biology, Albert, et al, Garland Publishing, 2nd edit, 2004.

Molecular Biology of the Cell, Alberts et al, Garland Publishing, 4th edit, 2002

ATTENDANCE: is mandatory. Each absence results in a reduction of ½ of a letter grade (i.e., from an A to an A-, etc).

GRADING POLICY: Each student must select a specific topic (to be approved by Mallery) and search for a journal article which he/she will present to the class as a whole for open discussion. Your grade will be a composite of a) 1/3 presentation of this article, b) 1/3 participation in class discussions, and c) 1/3 from your written term paper. The term paper shall be based upon your journal article presentation topic **supplemented** with new references and additional information. The paper should be about 7 to 10 type written pages (double spaced).

SELECTION of TOPIC: Once you have settled upon a topic concept or idea you must have it approved by Mallery. Selection of a specific journal article for your topic (a clean Xerox copy, with references) must be given to Mallery and **MUST BE DONE two (2)** weeks prior to the student's presentation date (see above schedule). **PENALTY** for not providing the article on time will be one letter grade. Each student in the class will receive one Xerox of every student's article one week prior to its presentation date. A random drawing of the dates of the student paper presentations will be held in class.