

TENTATIVE SYLLABUS, BIOLOGY 3327, IMMUNOLOGY

DR. D. SALADIK, SPRING 2016

DATE	TOPIC	CHAPTER(S)
1. 1/12	Introduction; Basic Concepts in Immunology	1
2. 1/14	Cells and Organs of the Immune System	1
3. 1/19	Innate immunity	2
4. 1/21	Antigens	3,4
5. 1/26	Immunoglobulins	4
6. 1/28	Antibody – Antigen Interactions	4
7. 2/2	Immunoglobulin Genes; Organization and Expression	5
8. 2/4	B-Cell Maturation, Activation and Differentiation	6
9. 2/9	Major Histocompatibility Complex	6
10. 2/11	Antigen Processing and Presentation	6
11. 2/16	T-Cell Receptor	9
12. 2/18	T-Cell Maturation, Activation, and Differentiation	9
13. 2/23	EXAM 1	
14. 2/25	Cytokines	7
15. 3/8	The Complement System	2
16. 3/10	Leukocyte Migration and Inflammation	2
17. 3/15	Cell-Mediated and Humoral Effector Responses	9,10
18. 3/17	Review	
19. 3/22	Hypersensitive Reactions	14
20. 3/24	Vaccines	16
21. 3/29	Immune Response to Infectious Diseases	10,11
22. 3/31	Review	
23. 4/5	Autoimmunity	15
24. 4/7	Immunodeficiency Diseases	13
25. 4/12	The Immune System in AIDS	13
26. 4/14	Transplantation Immunology	15
27. 4/19	Cancer and the Immune System	13
28. 4/21	Review	
29. 5/3	EXAM 2 8:00 A.M.	

Text: Janeway's Immunobiology 8e, 2011, Murphy, Garland Publishing

CONTACT INFORMATION:

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OFFICE HOURS: 11:30 A.M. Tuesday and Thursday, Room 125, Bio-Life Sciences Bldg.

GRADE COMPOSITION:

$\frac{1}{3}$ each; Two Lecture Exams, Lecture Quiz Average

Exams: There will be two exams, both exams will be weighted the same. The second exam will not be cumulative. Each exam will consist of 30 short answer questions.

Quizzes: There will be a quiz every Tuesday morning covering the previous week's material. The best 10 out of 12 quizzes will be counted. The quiz average will be equivalent in weight to one lecture exam.

Makeups: Make up for the first lecture exam may be given with a valid excuse only, e.g. if you are sick, you must have a doctor's note. Make up for the first lecture exam will be given following the second lecture exam. The second lecture exam cannot be made up. No make ups will be given for quizzes.

COURSE OBJECTIVE: The primary goals of this course are to learn about the cellular and protein components of the mammalian immune system, and to gain an understanding of how they function. It is an introductory survey course.

Students should have had courses in introductory biology and basic chemistry, and have some knowledge of organic chemistry. Courses in biochemistry are helpful, but not required.

Course Prerequisite: Biology 2296 (2203, 0203) with a C- or better, or 3096 (W204) with a C- or better.

Any student who has special needs due to demonstrated disability should contact me privately as soon as possible, and be in contact with the Disability Resources and Services center (DRS) at 215-204-1280.

Spring 2016

Tuesday, December

9 - Sunday, January

10

Early Term Start Courses

Monday, January 11

Full Term 16-week Courses begin

Monday, January 18

Dr. Martin Luther King, Jr. Day (no classes held)

Friday, January 22

Last day to add or drop a Full Term 16-week course

Monday, February 29-

Sunday, March 6

Spring Break (no classes held)

Tuesday, March 15

Last day to withdraw from a Full Term 16-week course

Wednesday, March 23

Priority registration begins for Summer 2016

Final grading for Full Term 16-week Courses begins

Wednesday, March 30

Priority registration begins for Fall 2016

Monday, April 25

Full Term 16-week Courses end

Tuesday, April 26-

Wednesday, April 27

Study Days

Thursday, April 28-

Wednesday, May 4

Final Exams

Friday, May 6

University Commencement