

MMBB 409/509**Immunology****Fall 2009**

Days: M,W,F

Time: 12:30 pm - 1:20 pm

Location: Albertson 201

Instructor: Tanya Miura, Ph.D.
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Office Hours: Wed 9 am - 10 am; or by appointment

Required Text: Janeway's Immunobiology, Seventh Edition
Murphy, Travers, & Waldport

Course Website:**Tentative Schedule (EXAM dates will NOT change):**

<u>Date:</u>	<u>Day:</u>	<u>Topic:</u>	<u>Reading:</u>
24-Aug	M	Intro to Immunology	Ch1, sect. 1.1-1.7
26-Aug	W	Cells and Functions of System	Ch1, sect. 1.1-1.7
28-Aug	F	Innate Immunity	Ch2
31-Aug	M	Innate Recognition	Ch2
2-Sep	W	Innate Response	Ch2
4-Sep	F	Complement	Ch2
7-Sep		No Class- Labor Day	
9-Sep	W	Lymphocyte Antigen Recognition	Ch 1, sect. 1.9-1.13; Ch. 3
11-Sep	F	Lymphocyte Antigen Recognition	Ch3
14-Sep	M	Ig Gene Rearrangement	Ch4; Ch 1, sect 1-12
16-Sep	W	Review	
18-Sep	F	EXAM 1	
21-Sep	M	TCR Gene Rearr/Ig constant	Ch4
23-Sep	W	Ag Processing & Presentation	Ch5; Ch1, sect 1.20
25-Sep	F	Ag Processing & Presentation	Ch5
28-Sep	M	B Cell Development	Ch7
30-Sep	W	T Cell Development/Selection	Ch7
2-Oct	F	Lymphocyte maturation & homeostasis	Ch7
5-Oct	M	T cell activation	Ch8; Ch1, sect 1.15-1.17
7-Oct	W	T cell activation	Ch8; Ch 6

9-Oct	F	T cell Effector functions	Ch8; Ch1, sect 1.19
12-Oct	M	B cell activation	Ch9; Ch 6
14-Oct	W	Review	
16-Oct	F	EXAM 2	
19-Oct	M	Antibody Functions	Ch9; Ch1, sect 1.18; Appendix I A5-A19
21-Oct	W	Response to Infection	Ch10
23-Oct	F	Response to Infection	Ch10
26-Oct	M	Memory	Ch10
28-Oct	W	Mucosal Immunity	Ch11
30-Oct	F	Mucosal Immunity	Ch11
2-Nov	M	Immune evasion	Ch12
4-Nov	W	Immune evasion	Ch12
6-Nov	F	Review	
9-Nov	M	EXAM 3	
11-Nov	W	Immunodeficiency	Ch12
13-Nov	F	Vaccination	Ch15; Appendix I A1-A4
16-Nov	M	Vaccination	Ch15; Appendix I A1-A4
18-Nov	W	Allergy	Ch13
20-Nov	F	Autoimmunity	Ch14
23-Nov		No Class- Fall Recess	
25-Nov		No Class- Fall Recess	
27-Nov		No Class- Fall Recess	
30-Nov	M	Transplantation	Ch14
2-Dec	W	Immune suppression	Ch15
4-Dec	F	Cancer	Ch15
7-Dec	M	509 Presentations	
9-Dec	W	509 Presentations	
11-Dec	F	509 Presentations	
14-Dec	M	12:30 pm Final Exam	

Grading:

409 Grade: 90% of grade will be based on the 4 Exams. All exams will be graded on a standard curve.

10% of grade will be based on participation during 509 student presentations.

509 Grade will be based on the 4 Exams and the Oral Presentation (20% each).

509 students will not be included in the standard curve.

Academic Dishonesty:

Cheating or Plagiarism will result in an automatic zero for that exam or assignment.

All parties involved in the act of cheating or plagiarism will be penalized.

Cheating= acquisition of answers to exam questions or assigned materials in a dishonest manner.

Plagiarism= the use of another person's writing as your own and/or use of writing from published sources (including internet) without citation, including copying or paraphrasing with slight change of wording.

Disability Support Services:

Reasonable accommodations are available for students who have documented temporary or permanent disabilities. All accommodations must be approved through Disability Support Services located in the Idaho Commons Building, Room 306 in order to notify your instructor(s) as soon as possible regarding accommodation(s) needed for the course.

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