

Syllabus CBIO4100/6100 Fall 2022

Date	Lecture title	Chapters	Lecturer
Thurs Aug 18	Introduction, Properties and Overview of Immune Responses	1	RLT
Mon Aug 22		Breakout	RLT
Tue Aug 23	Cells and Tissues of the Immune System, Leukocyte Circulation and Migration into Tissues	2,3	
Thurs Aug 25	Innate Immunity	4	RLT
Mon Aug 29		Breakout	RLT
Tues Aug 30	Antibodies and Antigens	5	RLT
Thurs Sept 1	Antibodies and Antigens, Antigen Presentation to T Lymphocytes and the Functions of Major Histocompatibility Complex Molecules	5,6	RLT
Tues Sept 6	Antigen Presentation to T Lymphocytes and the Functions of Major Histocompatibility Complex Molecules	6	RLT
Thurs Sept 8	Immune Receptors and Signal Transduction	7	WW
Mon Sept 12		Breakout	RLT
Tue Sept 13	Immune Receptors and Signal Transduction	7	WW
Thurs Sept 15	Lymphocyte Development and Antigen Receptor Gene Rearrangement	8	WW
Mon Sep 19		(No Breakout)	
Tue Sept 20	Exam 1 Chapters 1-7		RLT/WW
Thurs Sept 22	Lymphocyte Development and Antigen Receptor Gene Rearrangement	8	WW
Mon Sept 26		Breakout	WW
Tues Sept 27	Activation of T Lymphocytes	9	WW
Thu Sept 29	Activation of T Lymphocytes	9	WW
Mon Oct 3		Breakout	WW
Tues Oct 4	Differentiation and Functions of CD4 ⁺ & CD8 ⁺ Effector T Cells	10 & 11	WW
Thurs Oct 6	B Cell Activation and Antibody Production	12	WW
Mon Oct 10		Breakout	WW
Tues Oct. 11	B Cell Activation and Antibody Production	12	WW
Thurs Oct. 13	Effector Mechanisms of Humoral Immunity	13	WW
Mon Oct 17		(No Breakout)	
Tues Oct 18	Exam 2 Chapters 8-13		WW
Thurs Oct 20	Specialized Immunity at Epithelial Barriers and in Immune Privileged Tissues	14	SK
Mon Oct 24		Breakout	SK
Tues Oct 26	Specialized Immunity at Epithelial Barriers and in Immune Privileged Tissues Preliminary plans for research proposal due	14	SK
Thurs Oct 27	Immunologic Tolerance and Autoimmunity	15	SK
Mon Oct 31		Breakout	SK

Tues Nov 1	Immunity to Microbes	16	SK
Thurs Nov 3	Immunity to Microbes	16	SK
Mon Nov 7		(No Breakout)	SK
Tues Nov 8	Transplantation Immunology	17	SK
Thurs Nov 10	Tumor Immunology	18	SK
Mon Nov 14		Breakout	
Tues Nov 15	Exam 3 Chapters 14-17		SK
Thurs Nov 17	Hypersensitivity Disorders	19	SK
Mon Nov 21		Breakout	SK
Tues Nov 22	Allergy Research proposals due	20	SK
Mon Nov 28		(No Breakout)	
Tues Nov 29	Allergy	20	SK
Thu Dec 2	Primary and Acquired Immunodeficiencies	21	SK
Mon Dec 5		Breakout	SK
Thu Dec 8	Final Exam		SK