

MCB 169: Fall 2016

Sept 1st	Overview: a dangerous world (Chapter 1)	Pillai
Sept 6th	Innate Immunity I (Chapters 2 and 4)	Pillai
Sept. 8 th	Innate immunity II (Chapters 2 and 4)	Pillai
Sept 13 th	Antibodies and antigens (Chapter 5)	Pillai
Sept. 15 th	Antigen receptors and MHC molecules (Chapter 6)	Pillai
Sept 20 th	Antigen presentation (Chapter 6)	Pillai
Sept 22 nd	Ig genes and the generation of diversity (Chapter 8)	Pillai
Sept 27 th	B cell development and tolerance (Chapter 8)	Pillai
Sept 29 th	T cell development and tolerance (Chapter 8)	Pillai
Oct 4 th	B cell activation (Chapter 7 and 11)	Pillai
Oct 6 th	Affinity Maturation/ Isotype Switching (Chap: 11)	Pillai
Oct 11 th	T cell activation (Chapters 7 and 9)	Pillai
Oct 13 th	CMI I: T helper cells and Tregs (Chapter 10)	Pillai
Oct. 18 th	Lymphocyte homing (Chapter 3)	von Andrian
Oct 20 th	Immunology of HIV/AIDS (Chapter 21)	Alter
Oct 25 th	CMI II: CD8 T cells and NK cells (Chapter 10)	Pillai
Oct 27 th	MID-TERM EXAMINATION	
Nov 1 st	Effector mechanisms of humoral immunity (Ch 12)	Pillai
Nov 3 rd	Mucosal and Epithelial Immunity	Pillai
Nov 8 th :	Blood groups and transplantation (Chapter 16)	Pillai
Nov 10 th	Allergies, Immune injury (Chapters 18 and 19)	Pillai
Nov 15 th	Tolerance and Autoimmunity (Chapter 14)	Pillai
Nov 17 th	Apoptosis/immunological memory (Chs 9 and 11)	Pillai
Nov 22 nd	Primary Immunodeficiency disorders (Chapter 21)	Pillai
Nov 24 th	THANKSGIVING	
Nov 29 th	Immune responses to tumors (Chs 15/17)	Dougan
Dec 1 st	Review	TFs

Grade Breakdown:

Section Participation	20%
Problem set	20%
Mid term	30%
Finals	30%

Textbook

Cellular and Molecular Immunology 8th edition (or 7th), Abbas et al. (e-version also available on Inkling)

Office Hours

Prof. Pillai will be available on Wednesday afternoons on the HMS Longwood campus - Modell Center 2nd floor from 2 PM to 4 PM. For the rest of the week it will be possible to schedule meetings at his office at the Ragon Institute in Kendall Square in Cambridge by e-mail: pillai@helix.mgh.harvard.edu