

Immunology 408 – Kuby Reading List (6th Edition)

In addition to the following text sections, there are some figures presented during the lectures where you may find it useful to read the figure legend and the relevant text material pertaining to that figure.

Topic	Chapter(s) and Page #'s
1) Immune system: Overview Innate and acquired immunity	Chapter 1, p 1-18 Chapter 1, p 23-25, 40-45 Chapter 19, p 475-484
2) Molecular structure/function: overview Immunological and biochemical methods The following is a list of various figures, for relevant methods in the order we discuss, from your text (Kuby et al): 14-16a, 14-16b, 14-17, 6-10a, 6-11, 6-15, 6-14abcd, 4-25, 5-25ab, 22-12, 22-14ab, 22-15, 6-3ab, Table 6-1, 6-4ab, 22-17, unlabeled figure p. 569	Chapter 22, p 546-571
3) Molecules in the innate immune response Receptor and effector molecules	Chapter 3, p 52-69
4) Antigen-specific molecules: Antibodies	Chapter 4, p 76-107 Chapter 5, p 111-136 Chapter 11, p 271-278
5) Antigen-specific molecules: MHC Proteins	Chapter 8, p 189-219
6) Antigen-specific molecules: T cell receptors	Chapter 9, p 223-243
7) Immune cell development Self/non-self discrimination	Chapter 10, p 245-263 Chapter 11, p 274-278
8) Cell signaling and function Intra-cellular pathways/Extra-cellular mediators	See various figures cited in lecture and relevant text
9) Autoimmune diseases Multiple sclerosis/Type 1 diabetes/Rheumatoid arthritis	Chapter 16, p 401-422
10) Cancer and Infectious Disease Surveillance and escape	Chapter 20, p 493-521 Chapter 21, p 525-544 Chapter 18, p 447-454
11) Allergy/Asmtha IgE and mediators	Chapter 15, p 371-388
12) Immunotherapeutics Monoclonal antibodies T cell vaccines and other strategies	Chapter 4, p 105-107 Chapter 6, p 145-150 Chapter 21, p 531-544

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