

CONTENTS

CHAPTER 1	Properties and Overview of Immune Responses	1
CHAPTER 2	Cells and Tissues of the Immune System	13
CHAPTER 3	Leukocyte Circulation and Migration into Tissues	43
CHAPTER 4	Innate Immunity	63
CHAPTER 5	Antibodies and Antigens	103
CHAPTER 6	Antigen Presentation to T Lymphocytes and the Function of Major Histocompatibility Complex Molecules	123
CHAPTER 7	Immune Receptors and Signal Transduction	151
CHAPTER 8	Lymphocyte Development and Antigen Receptor Gene Rearrangement	187
CHAPTER 9	Activation of T Lymphocytes	217
CHAPTER 10	Differentiation and Functions of CD4⁺ Effector T Cells	233
CHAPTER 11	Differentiation and Functions of CD8⁺ Effector T Cells	251
CHAPTER 12	B Cell Activation and Antibody Production	261
CHAPTER 13	Effector Mechanisms of Humoral Immunity	287
CHAPTER 14	Specialized Immunity at Epithelial Barriers and in Immune Privileged Tissues	313
CHAPTER 15	Immunologic Tolerance and Autoimmunity	337
CHAPTER 16	Immunity to Microbes	365
CHAPTER 17	Transplantation Immunology	389
CHAPTER 18	Tumor Immunology	415
CHAPTER 19	Hypersensitivity Disorders	437
CHAPTER 20	Allergy	459

CHAPTER 21	Primary and Acquired Immunodeficiencies	481
	Glossary	511
	Appendices	
I	Principal Features of Selected CD Molecules	543
II	Cytokines	551
III	Laboratory Techniques Commonly Used in Immunology	555
	Index	571