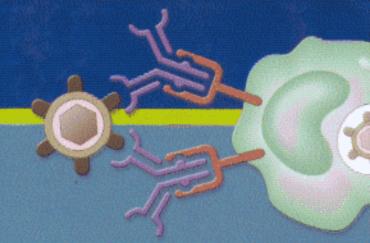
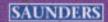
Fifth Edition



Abul K. Abbas Andrew H. Lichtman

## Celular and Molecular Immunology



## **CONTENTS**

SECTION I Introduction to Immunology	SECTION IV Effector Mechanisms of Immune
CHAPTER 1	Responses241
General Properties of Immune Responses3	<b>CHAPTER 11</b> Cytokines
CHAPTER 2	CHAPTER 12
Cells and Tissues of the Immune  System16	Innate Immunity275
,	CHAPTER 13
SECTION II	Effector Mechanisms of Cell-Mediated Immunity
SECTION II Recognition of Antigens41	
	CHAPTER 14 Effector Mechanisms of Humoral Immunity 318
CHAPTER 3	·
Antibodies and Antigens	CHAPTER 15 Immunity to Microbes
CHAPTER 4	and the court of t
The Major Histocompatibility Complex65	SECTION V
CHAPTER 5	The Immune System in Disease367
Antigen Processing and Presentation to	CHAPTER 16
T Lymphocytes	Transplantation Immunology
CHAPTER 6	CHAPTER 17
Antigen Receptors and Accessory Molecules	Immunity to Tumors
of T Lymphocytes	CHAPTER 18
	Diseases Caused by Immune Responses:
SECTION III	Hypersensitivity and Autoimmunity
Maturation, Activation, and Regulation	CHAPTER 19
of Lymphocytes127	Immediate Hypersensitivity
CHAPTER 7	CHAPTER 20 Congenital and Assuined Immune deficiencies 458
Lymphocyte Maturation and Expression of	Congenital and Acquired Immunodeficiencies453
Antigen Receptor Genes	Appendix I
CHAPTER 8	Glossary
Activation of T Lymphocytes	Appendix II Principal Features of CD Molecules
CHAPTER 9	Appendix III
3 Cell Activation and Antibody Production 189	Laboratory Techniques Commonly Used in Immunology
CHAPTER 10	
mmunologic Tolerance	Index535