

Chapter1 Properties and Overview of Immune Responses

Chapter2 Cells and Tissues of the Immune System

Chapter3 Leukocyte Circulation and Migration into Tissues

Chapter4 Innate Immunity

Chapter5 Antibodies and Antigens

Chapter6 Antigen Presentation to T Lymphocytes and the Functions of MHC Molecules

Chapter7 Immune Receptors and Signal Transduction

Chapter8 Lymphocyte Development and Antigen Receptor Gene Rearrangement

Chapter9 Activation of T Lymphocytes

Chapter 10 Differentiation and Functions of CD4⁺ Effector T Cells

Chapter 11 Differentiation and Functions of CD8⁺ Effector T Cells

Chapter 12 B Cell Activation and Antibody Production

Chapter 13 Effector Mechanisms of Humoral Immunity

Chapter 14 Specialized Immunity at Epithelial Barriers and in Immune Privileged Tissues

Chapter 15 Immunologic Tolerance and Autoimmunity

Chapter 16 Immunity to Microbes

Chapter 17 Transplantation Immunology

Chapter 18 Immunity to Tumors

Chapter 19 Hypersensitivity Disorders

Chapter 20 Allergy

Chapter 21 Congenital and Acquired Immunodeficiencies

Appendix I Glossary

Appendix II Cytokines

Appendix III Principle Features of Selected CD Molecules

Appendix IV Laboratory Techniques Commonly Used in Immunology