TABLE OF CONTENTS

Veterinary Immunology, 11th Edition

- 1. Surviving in a Microbial World
- 2. Innate Immunity: How to Detect Invaders
- 3. Humoral Innate Immunity: Inflammation
- 4. Humoral Innate Immunity: Antimicrobial Peptides
- 5. Humoral Innate Immunity: The Complement System
- 6. Cellular Innate Immunity: Leukocytes
- 7. Cellular Innate Immunity: Macrophages and Recovery from Inflammation
- 8. Sickness: The Body's Innate Responses
- 9. How Immune Cells Communicate: Cytokines and Their Receptors
- 10. Antigens: Triggers of Adaptive Immunity
- 11. Dendritic Cells, Antigen Processing, and Presentation
- 12. The Major Histocompatibility Complex
- 13. Lymphoid Organs: Their Structure and Functions
- 14. Lymphocytes
- 15. Helper T Cells: Diverse Responses to Antigens
- 16. B Cells and Their Response to Antigens
- 17. Antibodies: Soluble Antigen Receptors
- 18. How Antigen-Binding Receptors Are Made
- 19. T Cells and the Destruction of Intracellular Invaders
- 20. Innate Lymphoid Cells

- 21. Regulation of Adaptive Immunity
- 22. The Microbiota and the Immune System
- 23. Immunity on Body Surfaces
- 24. Immunity in the Fetus and Newborn
- 25. Vaccines and Their Production
- 26. The Use of Vaccines
- 27. Immunity to Bacteria and Fungi
- 28. Immunity to Viruses
- 29. Immunity to Parasites3
- 0. Mast Cell- and Eosinophil-Mediated Hypersensitivity
- 31. Selected Allergic Diseases
- 32. Red Cell Antigens and Antibody-Mediated Hypersensitivity
- 33. Immune Complexes and Neutrophil-Mediated Hypersensitivity
- 34. T Cell–Mediated Hypersensitivities
- 35. Organ Graft Rejection and Pregnancy
- 36. Tumor Immunology and Immunotherapy
- 37. Autoimmune Diseases and the Loss of Tolerance
- 38. Selected Organ-Specific Autoimmune Diseases
- 39. Selected Immune-Mediated Inflammatory Diseases
- 40. Primary Immunodeficiency Diseases
- 41. Secondary Immunological Defects4
- 2. Drugs and Other Agents That Affect the Immune System
- 43. Immunodiagnostic Methods.