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Nota di contenuto	Chapter 1. Basic concepts in immunology -- Chapter 2. Biomarkers of immunopathology in veterinary -- Chapter 3. Hypersensitivity -- Chapter 4. Autoimmunity -- Chapter 5. Immunodeficiency -- Chapter 6. Immunomodulation -- Chapter 7. Immunopathology of Pneumonia in Animals -- Chapter 8. Immunopathology of Liver in Animals -- Chapter 9. Immunopathology of Diarrhea in Animals -- Chapter 10. Immunopathology of Reproductive Disorders of Animals -- Chapter 11. Immunopathology of Mastitis -- Chapter 12. Immunopathological Disorders of Kidneys -- Chapter 13. Immunopathological Disorders of Joints -- Chapter 14. Immunopathology of Skin Ailments -- Chapter 15. Immunological interventions for the management of coronavirus disease-2019 (COVID-19) -- Chapter 16. Immunopathology of Parasitic Diseases of Animals -- Chapter 17. Immunopathological Disorders of Cattle and Buffalo -- Chapter 18. Immunopathological Disorders in Sheep, Goat, Wild Animals and Laboratory Animals -- Chapter 19. Immunopathological Disorders in Swine and Equine -- Chapter 20. Immunopathological Disorders of Pet Animals -- Chapter 21. Techniques in Immunopathology -- Chapter 22. Molecular Biology

Techniques of Pivotal Importance in Veterinary Diagnostics.

Sommario/riassunto

This textbook for graduate veterinary students provides basic concepts of veterinary immunopathology with particular reference to immunopathogenesis. The initial chapters provide up-to-date knowledge on important aspects of immunology, immunodeficiency disorders, hypersensitivity reactions, and autoimmune disorders of various animal species. The book examines different natural and synthetic immunomodulatory products that can modulate the immune system of animals. It discusses the immunopathogenesis and immunopathology of multiple diseases and immunopathological disorders in diverse animal species, including cattle, buffalo, sheep, goat, swine, equine, and laboratory animals. The book also covers the immunopathology of various body systems, including lungs, reproductive system, enteric system, mammary gland, joints, kidneys, and skin. It provides clinical manifestations that are useful in diagnosing immunopathological conditions. The book presents a highly informative text with high quality gross and microscopic photographs, diagrammatic presentations of immunopathological disorders and techniques, making it useful in both classrooms and professional training courses for students, researchers, and professionals alike.
