

# Veterinary Immunology

## - Principles and Practice

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In consultation with:

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### **Description:**

The author's masterly *Clinical Immunology of the Dog & Cat* (1st edition 1998, 2nd edition 2008) is used around the world as the text/reference of choice in small animal immunology.

This new textbook, written in consultation with Professor Ronald Schultz, is designed to accompany and complement the teaching of immunology within the veterinary curriculum. The author broadens the range of species covered to include large animals as well as small, provides clear learning objectives for students, and focuses on immunological principles while applying them to the disease process and to clinical practice.

The book uniquely contains 15 case studies dealing with clinically significant immune-mediated diseases, and is illustrated throughout by top-quality colour diagrams and photographs.

The result is a concise, affordable and practical textbook for veterinary students and a handy reference for practitioners.

### **Contents:**

1. An overview of the immune system, 2. Antigens and antibodies, 3. The complement system, 4. Serological testing, 5. Cells and Tissues of the Immune system, 6. The major histocompatibility complex, 7. Antigen presentation and cytokines, 8. The biology of T lymphocytes, 9. The biology of B lymphocytes, 10. Testing of cellular immune function, 11. Immune suppression, 12. Hypersensitivity mechanisms, 13. The immune response to infectious agents, 14. Cancer immunology and immune system neoplasia, 15. Immunological tolerance, 16. Autoimmunity and autoimmune disease, 17. Allergy, 18. Immune system ontogeny and neonatal immunology, 19. Immunodeficiency, 20. Vaccination, 21. Immunotherapy, 22. Case studies in clinical immunology, Glossary, Index.

256 pp  
261 x 194 mm page size  
320 colour and b/w photos  
19 tables  
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Publication: 2010

### **Readership:**

Veterinary students and practitioners.

### **Key Features:**

- Authors are internationally renowned teachers
- Concise presentation of immunological principles
- Clear learning objectives for students
- Bullet-point summaries, key words highlighted
- Emphasis on clinical examples