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# Veterinary Immunology

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## **Contributing authors:**

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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 and 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, 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

256 pp  
261 x 194mm  
320 Illustrations, colour  
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Publication: August 2010

## **Subject:**

Veterinary medicine

## **Readership:**

Veterinary students and  
instructors, vets in practice

## **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
- Full colour, affordable price



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22. Case studies in clinical immunology

Glossary

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