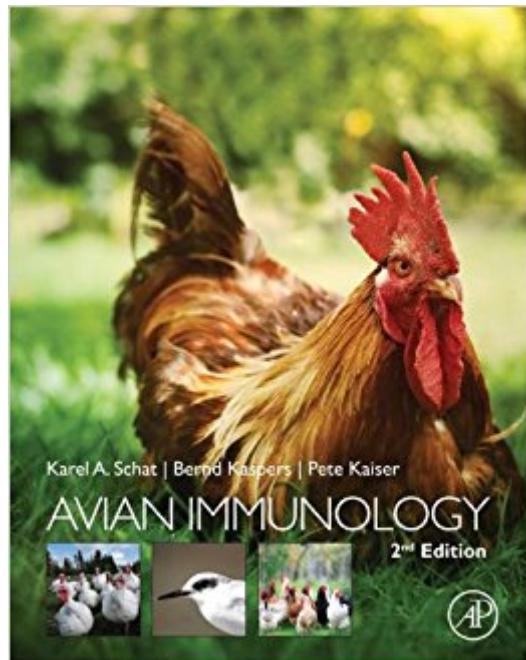


The book was found

Avian Immunology



Synopsis

The second edition of Avian Immunology provides an up-to-date overview of the current knowledge of avian immunology. From the ontogeny of the avian immune system to practical application in vaccinology, the book encompasses all aspects of innate and adaptive immunity in chickens. In addition, chapters are devoted to the immunology of other commercially important species such as turkeys and ducks, and to ecoimmunology summarizing the knowledge of immune responses in free-living birds often in relation to reproductive success. The book contains a detailed description of the avian innate immune system, encompassing the mucosal, enteric, respiratory and reproductive systems. The diseases and disorders it covers include immunodepressive diseases and immune evasion, autoimmune diseases, and tumors of the immune system. Practical aspects of vaccination are examined as well. Extensive appendices summarize resources for scientists including cell lines, inbred chicken lines, cytokines, chemokines, and monoclonal antibodies. The world-wide importance of poultry protein for the human diet, as well as the threat of avian influenza pandemics like H5N1 and heavy reliance on vaccination to protect commercial flocks makes this book a vital resource. This book provides crucial information not only for poultry health professionals and avian biologists, but also for comparative and veterinary immunologists, graduate students and veterinary students with an interest in avian immunology. With contributions from 33 of the foremost international experts in the field, this book provides the most up-to-date review of avian immunology so far. Contains a detailed description of the avian innate immune system reviewing constitutive barriers, chemical and cellular responses; it includes a comprehensive review of avian Toll-like receptors. Contains a wide-ranging review of the "ecoimmunology" of free-living avian species, as applied to studies of population dynamics, and reviews methods and resources available for carrying out such research.

Book Information

File Size: 10936 KB

Print Length: 456 pages

Publisher: Academic Press; 2 edition (December 2, 2012)

Publication Date: December 2, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B00DY4KU36

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #1,808,346 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #21

in Books > Medical Books > Veterinary Medicine > Immunology #138 in Kindle Store > Kindle eBooks > Nonfiction > Science > Biological Sciences > Zoology > Ornithology #252 in Books > Medical Books > Veterinary Medicine > Anatomy & Physiology

Customer Reviews

Gave as gift.

[Download to continue reading...](#)

Avian Immunology, Second Edition Avian Immunology Avian Cellular Immunology Immunology & Serology in Laboratory Medicine, 5e (IMMUNOLOGY & SEROLOGY IN LABORATORY MEDICINE (TURGEON)) Immunology & Serology in Laboratory Medicine - E-Book (IMMUNOLOGY & SEROLOGY IN LABORATORY MEDICINE (TURGEON)) Cellular and Molecular Immunology: with STUDENT CONSULT Online Access, 7e (Abbas, Cellular and Molecular Immunology) Case Studies in Immunology: A Clinical Companion (Geha, Case Studies in Immunology: A Clinical Companion) Immunology: An Illustrated Outline, 4e (Immunology: An Illustrated Guide (Male)) Clinical Immunology and Serology: A Laboratory Perspective (Clinical Immunology and Serology (Stevens)) Cellular and Molecular Immunology, 8e (Cellular and Molecular Immunology, Abbas) Moving Frontiers in Veterinary Immunology (Progress in Veterinary Microbiology and Immunology, Vol. 4) Modern Concepts of Immunology in Veterinary Medicine: Poultry Immunology (Advances in Medical & Veterinary Virology Immunnology and Epidemiology) Clinical Immunology: Principles and Practice, 4e (Rich, Clinical Immunology) Basic Immunology Updated Edition: Functions and Disorders of the Immune System With STUDENT CONSULT Online Access, 3e (Basic Immunology: Functions and Disorders of the Immune System) The Gift of Birds: True Encounters with Avian Spirits (Travelers' Tales Guides) Avian Avian (The Dragonrider Chronicles Book 2) Avian Evolution: The Fossil Record of Birds and its Paleobiological Significance (TOPA Topics in Paleobiology) Manual of Ornithology: Avian Structure and Function The Sensory Ecology of Birds (Oxford Avian Biology)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)