

Book Reviews

Beyond One Health: From Recognition to Results

John A. Herrmann, DVM, MPH, DACT,
& Yvette J. Johnson-Walker, DVM, PhD

341 pages. 2018. Wiley Blackwell.
ISBN 978-1-119-19449-1. Price \$124.99.

Beyond One Health: From Recognition to Results is a must read for anyone interested in health (animal, human, or environmental) and health policy, economics, and public health administration, or...well, anyone. It is an amazing compilation of one-health projects and provides a retrospective look at programs that would have been improved had a one-health approach been used.

The editors have brought together an impressive group of contributors to clearly lay out the benefits of a one-health approach and offer potential policy solutions to current “wicked problems.” At first, inclusion of “Beyond One Health” in the title seemed a bit odd because most one-health approaches are still in the very early stages of adoption, but this book truly goes beyond the current conventional thinking of one health (zoonotic diseases) and appropriately addresses environmental health (a topic sorely lacking in most one-health contexts) and even extends to climate change, toxicology, and ecology. I also thought the book was a bit expensive at first glance, but high-quality paper was used to support the many color photographs, charts, and maps. After reading it, I believe this book is well worth the investment. It is a quality source of ideas, policy suggestions, and references to move implementation of one health “from recognition to results.”

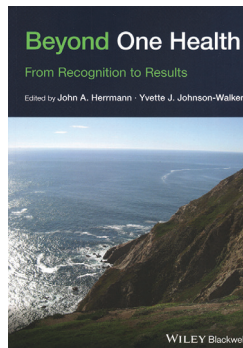
Reviewed by Joseph F. Anelli, DVM, MS
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Veterinary Epidemiology (4th edition)

Michael Thrusfield, BVMS, DECVPH, & Robert
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864 pages. 2018. Wiley Blackwell.
ISBN 978-1-118-28028-7. Price \$105.00.

The fourth edition of *Veterinary Epidemiology* lives up to the high standards set by previous editions. Similar to previous editions, it has extensive coverage of the history, frameworks, and formulas



underpinning the discipline of epidemiology.

This edition includes new and updated content, which maintains its relevance in regard to new and emerging diseases of importance to animal and human health. The topic of epidemiological modeling has been expanded from 1 to 3 chapters. The additional information may be of limited value to veterinary students but will be useful for graduate students in epidemiology training programs. The new chapters expand coverage of selection bias, information bias, and confounding in epidemiological studies and provide an in-depth discussion of observational study design. The content for currently relevant topics such as transboundary diseases and one health has been updated. New to this edition is the addition of a “Further Reading” section at the end of each chapter and a companion website that contains interactive multiple-choice questions. Many of the figures and tables have been updated to include new information and references.

Overall, this book is a comprehensive and expansive reference for veterinary epidemiology. Veterinary students who are just learning basic epidemiological concepts may find the text overwhelming. However, its comprehensive content and moderate price will make it an indispensable resource for graduate students and veterinarians who specialize or work extensively in epidemiology.

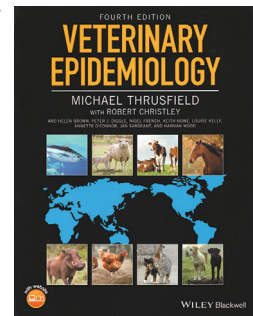
Reviewed by Peggy L. Schmidt, DVM, MS,
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Veterinary Immunology (10th edition)

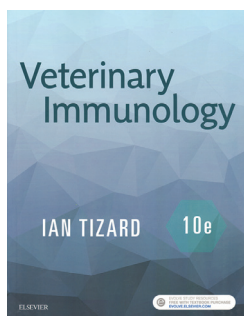
Ian Tizard, BVMS, PhD, DSc, DACVM

539 pages. 2018. Saunders (an imprint of Elsevier).
ISBN 978-0-323-52349-3. Price \$79.96.

The tenth edition of *Veterinary Immunology* is a comprehensive moderately priced textbook on the immunology of domestic animals and expands on information presented in the previous editions that span 31 years. It includes new information on microbiota and its impact on the immune system, a revised chapter on allergic diseases, and updated information on novel approaches to immune therapies and vaccine development. Similar to the previous editions, this textbook follows a logical flow in reviewing the key components



of the immune system and their function. It then transitions into how the normal and abnormal functions of the immune system affect medicine and disease. In some chapters, the text may seem to be lengthy and lacking case-based examples, particularly for typical veterinary students, but it is detailed and thorough. A benefit associated with the purchase of this book is access to the Evolve website. This site contains a bank of > 450 multiple-choice questions linked to the chapters in the book along with the answers to those questions. That resource will be useful for students as they study for both course-related and national board examinations. The site also contains animations that allow readers to better visualize and understand the complex mechanisms and pathways of the immune system. Overall, this edition remains one of the leading textbooks in the field of veterinary immunology for veterinary students, veterinarians, and academicians.



Reviewed by Robert M. Gogal Jr, DVM
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Cooperative Veterinary Care

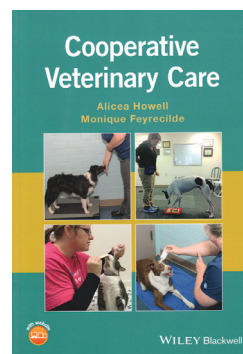
Alicea Howell, BS, RVT, VTS, KPA, CTP,
& Monique Feyrecilde, BA, LVT, VTS

255 pages. 2018. Wiley Blackwell.
ISBN 978-1-119-13052-9. Price \$79.99.

The content of *Cooperative Veterinary Care* was a long time coming and is available in both electronic and paperback formats. For years, many zoo animals have been trained to facilitate cooperative veterinary and husbandry care. Sadly, the same is not true for companion and food animals. Although the title includes the term veterinary care, the concepts and principles presented in the book can be applied to many other animal care fields such as grooming, train-

ing, and boarding. The authors identify common problems encountered by veterinary team members and patient owners.

The concepts and training information presented follow a logical progression from beginning to end. The book begins with a discussion on why cooperative veterinary care is important, then proceeds to descriptions of animal perception and communication, learning theory, and how to identify patients that will benefit from cooperative care training and determine at which level to start them. The book and its companion website contain detailed written guidelines and videos with step-by-step procedures for training animals to perform most common tasks. Other supplementary materials include a plan sheet, syllabus, and homework to help start puppy training off on the right foot, although those materials can be adapted and used for any species. In regard to the videos, it is important to remember that the people depicted are experienced trainers and make the techniques used look easy. People who are new to training or accustomed to the use of force, luring, or bribing will likely have a learning curve and may experience some frustration in assimilating the described techniques. The authors anticipated this and try to mitigate potential frustration by providing helpful tips to overcome many common training obstacles. Overall, this book is a valuable asset to the veterinary community and should be in the reference library of every clinic.



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