New books in our Institute

The Sheep: Health, Disease & Production - 3rd edition

Authors: DM West, AN Bruere and AL Ridler.
New Zealand Veterinary Association, 2009
(Location: Dr.Zamir S.)

Veterinary Clinical Toxicology - 3rd edition

Third Edition is updated with the latest references, new toxicities, and an expanded section of colour poisonous plant plates. It is practical and clinically orientated to aid in the diagnosis and treatment of poisons, with a well-researched guide and readily sourced references. This is an excellent resource on toxicoses. The information is structured to assist the practitioner in readily making a diagnosis and treating toxicities.

Authors: K Parton, AN Bruere, JP Chambers
New Zealand Veterinary Association, 2006
ISSN: 1176-7979
Laboratory Animals: Regulations and Recommendations for Global Collaborative Research [Hardcover]

Javier Guillen (Editor)

Product Details

- Hardcover: 420 pages
- Publisher: Academic Press; 1 edition (November 6, 2013)
- Language: English
- ISBN-10: 0123978564

Laboratory Animals: Regulations and Recommendations for Global Collaborative Research is the only publication to offer a compilation of standards across the world in the care, welfare and use of animals in research. Timely in the new legislation in numerous regions of the world, this book provides the information in easily accessible, readable language.

For professionals across laboratory animal science and biomedical research, Laboratory Animals: Regulations and Recommendations for Global Collaborative Research provides a broad picture of the regulations required in other areas of the world and is essential to appropriately manage animal care and use programs.

- Offers a worldwide view and global compilation of regulations, guidelines and recommendations for laboratory animal research
- Saves valuable time researching different regional legislation and regulations
- Provides insight into factors that play roles in the regulatory framework for countries and geographic regions
Chapter 6 –

Israeli Legislation and Regulation on the Use of Animals in Biological and Medical Research.

Rony Kalman¹, Alon Harmelin², Ehud Ziv³, Yacov Fischer⁴

¹ Hebrew University, Jerusalem, Israel
² Department of Veterinary Resources, The Weizmann Institute of Science, Rehovot, Israel
³ Diabetes Research Unit, Hadassah University Hospital, Jerusalem, Israel
⁴ Israeli Council for Animal Experimentation; and Ministry of Health, Jerusalem, Israel

Abstract

Animal care and use has been regulated in Israel since 1994 when the Animal Welfare Law—Animal Experiments (Law) was legislated. At the heart of the Law is the National Council (Council), which operates in the Ministry of Health. The chairman is appointed by the Minister of Health from the National Academy of Sciences. The Council has all legal authority regarding animal testing, and is entrusted with regulation and supervision duties. Every institution that wishes to carry out research with animals has to establish an Animal Care and Use Program (Program) and appoint an attending veterinarian (AV). All the experiments with animals require an Animal Experiment Permit (Permit), which can be obtained from an Institutional Animal Care and Use Committee. Applications can be submitted by an appropriately trained principal investigator. The Council places a particular importance to the issue of training, and each of the training courses is approved by the Council. All courses are built on a unified national framework of two levels: a basic training part and specific supplementary practical part for each animal species not covered by the basic course. The legal basis for animal experimentation in Israel is comprised of the Law, Council regulations, and the instructions of the American NRC Guide for the Care and Use of Laboratory Animals (Guide) which has an official status in Israel. The Law places special importance to the role of the AV, whose post is a legal requirement, and who is entrusted among other things with supervisory duties at the institution. Institutions are required to report to the Council on all approved permits, on the actual progress of the research projects, and on the veterinary conditions. Institutions are also supervised by the professionals of the Council who have all the authority to carry out their duty and can even instruct the revoking of permits.
It has been 25 years since the appearance of the now-classic Antibodies by Ed Harlow and David Lane, a "go-to" manual that has been a staple in immunology, cell culture, and molecular biology laboratories for all matters relating to antibodies. This essential book has now been revised and updated under the editorship of Edward A. Greenfield, PhD, of the Dana-Farber Cancer Institute with contributions from leaders in the field. Although some of the technology has not changed much over the years—for instance, the challenges for monoclonal antibody technology remain much the same—our understanding of the immune system and methods used to study it have. So in addition to recasting and updating chapters on the "care and feeding" of hybridomas and monoclonal antibodies with extensive new information, Antibodies, 2nd edition, presents new chapters on characterizing antibodies, antibody engineering, and flow cytometry. As in the original book, the emphasis in this second edition is on providing clear and authoritative protocols with sufficient background information and troubleshooting advice for the novice as well the experienced investigator.
Today, veterinary science experiences major development in all its fields as a consequence of continuous technological advances in diagnostic tools and breakthrough in applied genomics and biology. This book contains 33 proceedings that were selected among those presented at the 64th Italian Veterinary Science Congress held at ASTI in 2010. It provides a timely overview of the current progress made by Italian researchers and would be of great value to anyone interested in the field of veterinary science, from animal health and care to food hygiene, and from basic to applied disciplines.
The only complete resource on immunology for veterinary students and practitioners, *Veterinary Immunology: An Introduction* features a straightforward presentation of basic immunologic principles with comprehensive information on the most significant immunological diseases and responses seen in domestic animals. This meticulously updated new edition explores the latest advances in the field and provides a wealth of clinical examples that illustrate and clarify important concepts.

**Encyclopedia of Animal Science 2nd Edition**
[Hardcover]
Duane E. Ullrey (Editor), Charlotte Kirk Baer (Editor), Wilson G. Pond (Editor)

**Product Details**
- **Series**: Dekker Agropedia

- Hardcover: 1296 pages
- Publisher: CRC Press; 2 edition (February 1, 2011)
- Language: English
- **ISBN-10**: 1439809321
  - **ISBN-13**: 978-1439809327

Written and edited by a distinguished team of experts, *Encyclopedia of Animal Science, Second Edition* contains more than 300 entries that explore the broad field of animal science. The second edition discusses topics ranging from adaptation and stress, to zoos and aquariums. With 2500 references and hundreds of figures, equations, and tables, it covers new developments in genomics, transgenesis, cloning, and mathematical model constructions.

New entries on topics such as:
Adaptation and Stress: Neuroendocrine, Physiological, and Behavioral Responses
Animal Source Foods (ASFs): *Listeria monocytogenes*
Ethanol By-Products: Beef
Farm Animal Welfare: Philosophical Aspects
Feed Supplements: Antibiotics
Functional Food Components: Ruminant-Derived Foods
Genomic Selection of Phenotype
Horses: Breeds, Breeding, and Genetics
Metabolic Modifiers
Molecular Biology: Animal
Proteins: Oxidation, Turnover, and Proteomics
Recombinant Bovine Somatotropin: Environmental Impact

The coverage underscores the interdependence of production agriculture, economics, and environmental sustainability in contributing to a stable and flourishing society. Each entry provides a succinct overview designed to help readers acquire basic familiarity with the key terms and current knowledge of the subject, augmented by selected literature citations. The encyclopedia supplies current information on a broad spectrum of topics related to the biology, production, and uses of animals and their products in a complex, diverse, and rapidly changing world.

*Medical Mycology, 2014, 00, 1–2*
doi: 10.1093/mmy/myt014

Letter to the Editor

**Mycetoma in a horse—curtains**

D. Elad1,*, A. Frishling2, N. Edery1 and T. Levy3
1Kimron Veterinary Institute, 2Clinician, Kfar Saba and 3Clinician, Raanana, Israel
*To whom correspondence should be addressed. Daniel Elad, Department of Clinical Bacteriology and Mycology, The Kimron Veterinary Institute, P.O. Box 39, Bet Dagan, 50250 Israel. Tel: +972-3-9681688; Fax: +972-3-9688965; E-mail: daniel.elad@gmail.com

[http://mmy.oxfordjournals.org/content/early/2014/01/05/mmy.myt014.short?rss=1](http://mmy.oxfordjournals.org/content/early/2014/01/05/mmy.myt014.short?rss=1)

Medical Mycology Advance Access published January 6, 2014
One Health: The Human-Animal-Environmental Interfaces in Emerging Infectious Diseases: The Concept and Examples...

by John S. Mackenzie, Martyn Jeggo, Peter S. Daszak and Jürgen A. Richt

Product Details
- **Series**: Current Topics in Microbiology and Immunology (Book 365)
- **Hardcover**: 346 pages
- **Publisher**: Springer; 2013 edition (December 9, 2013)
- **Language**: English
- **ISBN-10**: 3642368883
- **ISBN-13**: 978-3642368882

One Health is an emerging concept that aims to bring together human, animal, and environmental health. Achieving harmonized approaches for disease detection and prevention is difficult because traditional boundaries of medical and veterinary practice must be crossed. In the 19th and early 20th centuries this was not the case—then researchers like Louis Pasteur and Robert Koch and physicians like William Osler and Rudolph Virchow crossed the boundaries between animal and human health. More recently Calvin Schwabe revised the concept of One Medicine. This was critical for the advancement of the field of epidemiology, especially as applied to zoonotic diseases. The future of One Health is at a crossroads with a need to more clearly define its boundaries and demonstrate its benefits. Interestingly the greatest acceptance of One Health is seen in the developing world where it is having significant impacts on control of infectious diseases.

Pathogenesis of Bacterial Infections in Animals

by S. K. SRIVASTAVA(2013)

Product Details
- **Hardcover**
- **Publisher**: satish serial publishing house (2013)
- **Language**: English
- **ISBN-10**: 9381226342
- **ISBN-13**: 978-9381226346
**Georgis' Parasitology for Veterinarians, 10e**

by Dwight D. Bowman MS PhD

**Product Details**

- **Series:** Georgi’s Parasitology For Veterinarians
- **Paperback:** 496 pages
- **Publisher:** Saunders; 10 edition (December 9, 2013)
- **Language:** English
- **ISBN-10:** 1455740063
  **ISBN-13:** 978-1455740062

**Georgis' Parasitology for Veterinarians, 10th Edition** provides current information on all parasites commonly encountered in veterinary medicine. Its primary focus is on parasites that infect major domestic species, such as dogs, cats, horses, pigs, and ruminants, but it also includes coverage of organisms that infect poultry, laboratory animals, and exotic species. This edition features chapters that cover arthropods, protozoans, and helminths, including their taxonomy and life cycles, as well as the clinical signs, diagnosis, and treatment of each parasite’s infection or infestation. Other chapters include vector-borne diseases, antiparasitic drugs, diagnostic parasitology, histopathologic diagnosis, and a new chapter on vaccinations. No other book on this topic is so well-respected and so thorough. It’s the only parasitology reference that provides all the information you’ll need!

**Veterinary Parasitology: Self-Assessment Colour Review (Veterinary Self-Assessment Color Review Series)**

by [Hany Elsheikha](#) and Jon S Patterson

**Product Details**
Zoonoses protecting people and their pets
Glenda Dvorak, DVM, MS, MPH, DACVPM
The Center for Food Security and Public Health (CFSPH) at Iowa State University College of Veterinary Medicine, 2013
Contents:
- Companion Animal Zoonotic Diseases: An Overview
- The Human-Animal Bond
- Animal Bites, Scratches and Disease Transmission
- Companion Animal Zoonoses and Immunocompromised Individuals
- Companion Animal Zoonoses and Children
- Environmental Zoonoses: Shared Environments, Shared Risks
- Principles of Treatment and Prevention for Zoonotic Diseases

Diseases Covered:
- Rabies
- Cat Scratch Disease
- Rat Bite Fever
- Leptospirosis
- Toxoplasmosis
- Salmonellosis
- Toxocariasis and Larva Migrans
- Psittacosis
- and more
Improving farm animal welfare: Science and society working together: the Welfare Quality approach [Paperback]
Harry Blokhuis (Editor), Mara Miele (Editor), Isabelle Veissier (Editor), Bryan Jones (Editor)

Product Details
- Paperback: 232 pages
- Publisher: Wageningen Academic Publishers; 1 edition (December 30, 2013)
- Language: English
- ISBN-10: 9086862160

Clinical Veterinary Microbiology, 2e [Paperback]
Bryan Markey MVB PhD DipStat MRCVS (Author), Finola Leonard MVB PhD MRCVS (Author), Marie Archambault DMV MSc PhD Dipl ACVM (Author), Ann Cullinane MVB PhD MRCVS (Author), Dores Maguire AIMLS (Author)

Product Details
- Paperback: 920 pages
- Publisher: Mosby; 2 edition (October 29, 2013)
- Language: English
- ISBN-10: 0723432376

(Location: Library)
Physiologically-Based Pharmacokinetic (PBPK) Modeling and Simulations: Principles, Methods, and Applications in the Pharmaceutical Industry [Hardcover]
Sheila Annie Peters (Author)

Product Details
- **Hardcover**: 448 pages
- **Publisher**: Wiley; 1 edition (March 13, 2012)
- **Language**: English
- **ISBN-10**: 0470484063
- **ISBN-13**: 978-0470484067
(Location: Dr.Shimshoni Y.)

Animal Feeding and Nutrition [Paperback]
JURGENS MARSHALL H (Author), BREGENDAHL KRISTJAN (Author), COVERDALE JOZIE (Author), HANSEN STEPHANIE L (Author)

Product Details
- **Paperback**: 658 pages
- **Publisher**: Kendall Hunt Publishing; 11 edition (July 5, 2013)
- **Language**: English
• **ISBN-10**: 0757591132
• **ISBN-13**: 978-0757591136

---

**Small Animal Toxicology, 3e [Paperback]**

*Michael E. Peterson DVM MS (Author), Patricia A. Talcott MS DVM PhD DipABVT (Author)*

**Product Details**

- **Paperback**: 928 pages
- **Publisher**: Saunders; 3 edition (December 13, 2012)
- **Language**: English
- **ISBN-10**: 1455707171
- **ISBN-13**: 978-1455707171

---

**Kirk's Current Veterinary Therapy XV, 1e [Hardcover]**

*John D. Bonagura DVM MS Dipl ACVIM (Author), David C. Twedt DVM DipACVIM (Author)*

**Product Details**
New articles of our researchers in the "Israel Journal of Veterinary Medicine", Vol.68, No.4, 2013

Fingerprint Profiles of Cuticular Fatty Acids in Three Adult Rhipicephalus Tick Species: A New Tool for Identification

DECEMBER 4, 2013
Shimshoni JA, Erster O, Cuneah O, Rot A, Shlosberg A, Shkap V
http://www.ijvm.org.il/node/335

A Case Report of a Spontaneous Feline Metastasizing Uterine Fibrosarcoma in a Himalayan Cat

DECEMBER 4, 2013
Waner T, Tal S, Edery N, Perl S
http://www.ijvm.org.il/node/340

Case Report: Contagious Ecthyma - Deviations in the Anatomical Appearance of Lesions in an Outbreak in Lambs in Israel

DECEMBER 4, 2013