

# Life Sciences & Health

May to August 2017 Titles



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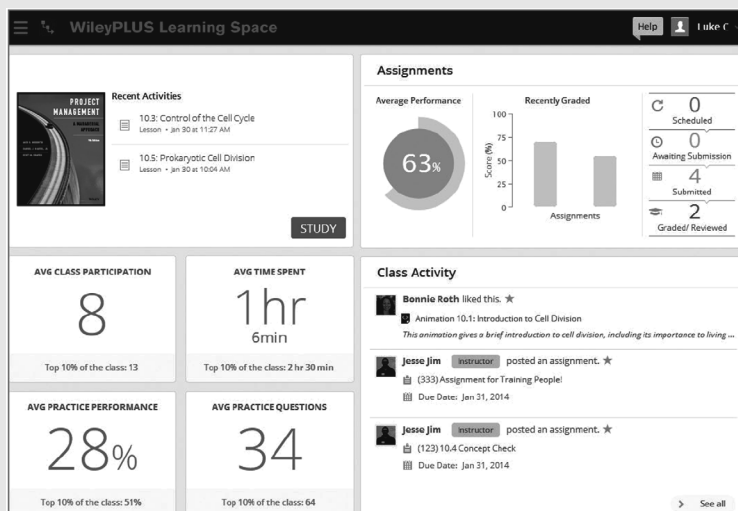
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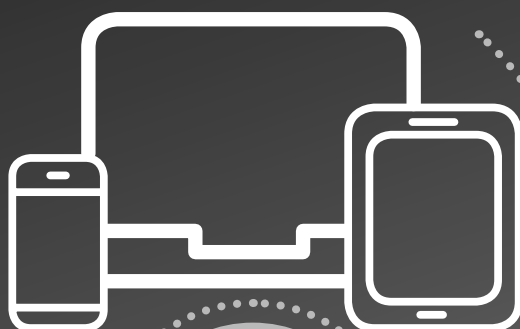
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## Dental Professional Practice

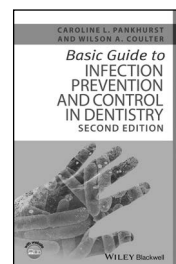
## Basic Guide to Infection Prevention and Control in Dentistry

2nd Edition

Caroline L. Pankhurst & Wilson A. Coulter

- Thoroughly updated, this new edition ensures all members of the dental team are up to speed on the practical aspects of infection prevention and control
- It provides step-by-step guidance on the safe running of a dental practice, clear and concise explanations of the key issues and concepts, an overview of the evidence base, and coverage of legal and regulatory issues about which all staff members need to be aware
- With more colour photographs and illustrations than the first edition, it also includes appendices full of useful practical and clinical information, and a companion website offering helpful instructional videos and self-assessment questions
- Key topics include communicable diseases, occupational health and immunization, sharp safe working, hand hygiene, personal protective equipment, disinfection of dental instruments, surface decontamination, dental unit waterlines, clinical waste management, and pathological specimen handling

Print ISBN: 978-1-119-16498-2 (Paper) US\$49.99 • Apr 2017 • 264PP



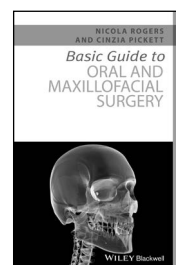
## Dental Nursing

## Basic Guide to Oral and Maxillofacial Surgery

Nicola Rogers & Cinzia Pickett

- Highly-illustrated and written in a concise, accessible way, the *Basic Guide to Oral and Maxillofacial Surgery* will help you understand the role of the dental nurse, from pre- and post-operative surgery preparation to specific procedures in extractions and dentoalveolar surgery, soft tissue surgery, and more complex areas such as orthognathic surgery, trauma and TMJ dysfunction
- It also provides an overview of the relevant anatomy, legal aspects of oral surgery, and a quick reference glossary to key terms
- This is a must-have book for trainee dental nurses preparing for the NEBDN National Diploma in Dental Nursing and all registered dental care professionals looking to expand their knowledge and move into this exciting specialist area of practice

Print ISBN: 978-1-118-92507-2 (Paper) US\$44.99 • Jun 2017 • 152PP



## Implant Dentistry

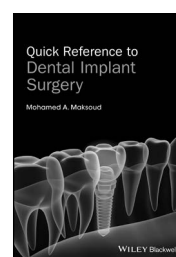
## Quick Reference to Dental Implant Surgery

Mohamed A. Maksoud

*Quick Reference to Dental Implant Surgery* offers busy practitioners quick access to all the essential information needed for successful dental implant surgery — from case selection to radiographic examination, scrub-in to post-operative care.

- How-to information in a concise, spiral-bound, quick-access format
- Concrete guidelines for common scenarios before, during, and after surgery
- Numerous charts, tables, checklists, and callouts
- An abundance of stunning, full-color photographs illustrating key points covered
- Text boxes containing clinical recommendations to help facilitate quick navigation

Print ISBN: 978-1-119-29012-4 (Paper) US\$79.95 • Jun 2017 • 128PP



## Oral Pathology

## Clinical Cases in Orofacial Pain

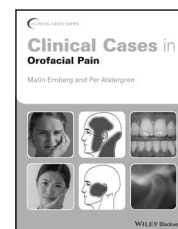
Malin Ernberg &amp; Per Alstergren

Expand your knowledge and put it into practice with this unique, case-based guide

*Clinical Cases in Orofacial Pain* describes 38 clinical cases with detailed background information, diagnostic criteria and fundamental points, helping to prepare the reader for case-based examinations.

- Comprehensive coverage of temporomandibular joint disorders, masticatory muscle disorders, headache, neuropathic pain, dental pain and tooth wear, and dystonia
- Cases are presented with associated academic commentary
- Each chapter includes self-assessment study questions, helping to foster independent learning
- Suitable for undergraduate and postgraduate students, as well as a quick study guide for residents and doctoral students

Print ISBN: 978-1-119-19479-8 (Paper) US\$94.99 • May 2017 • 277PP



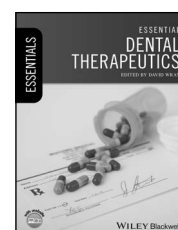
## Oral Pharmacology

## Essential Dental Therapeutics

David Wray

- *Essential Dental Therapeutics* covers both medical and dental prescribing in one text, with the aim of being comprehensive but not overloading students with unnecessary information
- The medical section is succinct and easily understandable so dental practitioners are safe and informed, while the dental section is pragmatic, simple and relevant to everyday dental prescribing
- All contributing authors are both medically and dentally trained, so both strands are fully integrated into the text
- The book covers all major categories of prescription drugs, and each chapter has been rewritten by the highly qualified editor to maintain quality and consistency
- Coupled with summary boxes and tables throughout, the relatively short chapters result in a readable style that emphasises knowledge retention in a practical sense rather than just for passing exams

Print ISBN: 978-1-119-05739-0 (Paper) US\$59.99 • Jun 2017 • 176PP



## Oral Sciences &amp; Technology

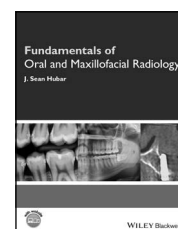
## Fundamentals of Oral and Maxillofacial Radiology

J. Sean Hubar

*Fundamentals of Oral and Maxillofacial Radiology* provides a concise overview of the principles of dental radiology, emphasizing their application to clinical practice.

- Distills foundational knowledge on oral radiology in an accessible guide
- Uses a succinct, easy-to-follow approach
- Focuses on practical applications for radiology information and techniques
- Presents summaries of the most common osseous pathologic lesions and dental anomalies
- Includes companion website with exercises to train readers in radiographic interpretation

Print ISBN: 978-1-119-12221-0 (Paper) US\$99.99 • Jul 2017 • 248PP



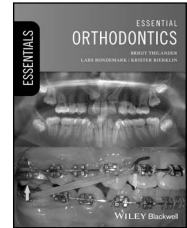
## Orthodontics

**Essential Orthodontics****Birgit Thilander, Lars Bondemark & Krister Bjerklin**

*Essential Orthodontics* is a comprehensive introduction to the biological principles of orthodontics. This book covers the 'why', 'when' and 'how' of orthodontics, enabling readers to identify which individuals need to be treated, to diagnose based on individual dento-facial development and to understand the mechanical principles and tissue responses involved.

- Comprehensive introduction to the biological principles of orthodontics
- Highly illustrated, student-friendly layout with key objectives and chapter summaries for focused learning
- Suitable for undergraduate students as well as postgraduates specialising in orthodontics
- Companion website includes interactive MCQs to test and supplement student understanding

Print ISBN: 978-1-119-16567-5 (Paper) US\$64.99 • Aug 2017 • 176PP



## Esthetic Dentistry

**Supra-Gingival Minimally Invasive Dentistry**

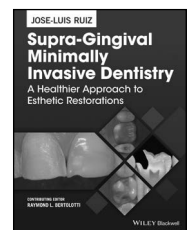
A Healthier Approach to Esthetic Restorations (Previously Announced)

**Jose-Luis Ruiz**

*Supra-Gingival Minimally Invasive Dentistry: A Healthier Approach to Esthetic Restorations* provides a real-world approach to healthier supra-gingival minimally invasive restorations, as an alternative to more invasive mechanically retained restorations, such as full crowns.

- Provides practical, step-by-step coverage of the key elements in diagnosis, case planning, preparation, restorations, and cementation of bonded restorations
- Offers excellent and simple explanations of the latest in adhesive dentistry and the proper selection of restorative materials
- Covers both anterior and posterior direct and indirect bonded restorations, offering a better, healthier approach
- Presents hundreds of beautiful images showing planning, preparation, and restoration principles and treatment
- Features the contributions of Dr Ray Bertolotti, Contributing Editor, and a foreword written by Gordon J. Christensen, DDS, MSD, PhD, CEO of Clinicians Report Foundation and Practical Clinical Reports

Print ISBN: 978-1-118-97641-8 (Cloth) US\$149.95 • Jun 2017 • 272PP



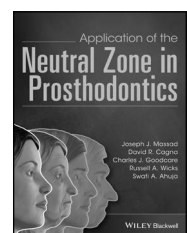
## Prosthodontics

**Application of the Neutral Zone in Prosthodontics****Joseph J. Massad, David R. Cagna, Charles J. Goodcare, Russell A. Wicks & Swati A. Ahuja**

*Application of the Neutral Zone in Prosthodontics* offers a step-by-step guide to successfully designing and placing complete and implant-retained dentures using neutral zone concepts.

- Illustrates every technique described with more than 300 color photos
- Covers all phases of complete denture therapy
- Presents a step-by-step assessment and examination protocol
- Details the importance of accurate diagnosis and prognosis prior to committing to treatment
- Describes an alternative to traditional impressioning procedures that can be accomplished in a single appointment

Print ISBN: 978-1-119-15814-1 (Cloth) US\$TBA • Aug 2017 • 164PP



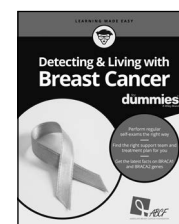
## Women's Health &amp; Social Care

## Detecting and Living with Breast Cancer For Dummies

American Breast Cancer Foundation

- From the breast health experts at the American Breast Cancer Foundation, this book covers everything from prevention to dealing with a diagnosis to coping with life after cancer
- *Detecting and Living with Breast Cancer For Dummies* distills the information into one easy-to-follow guide, giving you quick, expert advice on everything you'll face as you manage your breast health — performing regular self-exams the right way; coping with the many decisions that need to be made if you're diagnosed; asking the right questions about surgery, chemotherapy, radiation, and breast reconstruction; deciphering complicated pathology reports with confidence, and more

Print ISBN: 978-1-119-27224-3 (Paper) US\$22.95 • Jul 2017 • 384PP



## Health Care Research

## Person-Centred Healthcare Research

Brendan McCormack, Sandra van Dulmen, Hilde Eide, Tom Eide &amp; Kirsti-Iren Skovdahl

- *Person-Centred Healthcare Research* provides an innovative and novel approach to exploring a range of research designs and methodological approaches aimed at investigating person-centred healthcare practice within and across healthcare disciplines
- With contributions from internationally renowned experts in the field, this engaging resource challenges existing R&D methodologies and their relevance to advancing person-centred knowledge generation, dissemination, translation, implementation and use
- It also explores new developments in research methods and practices that open up new avenues for advancing the field of person-centred practice
- Enables students, practitioners, managers and researchers to gain a solid understanding of the complexity of person-centred thinking in research designs and methods
- Explores the theories and practices underpinning a topical subject within current healthcare practice

Print ISBN: 978-1-119-09960-4 (Paper) US\$63.95 • Aug 2017 • 224PP



## Nutrition

## Public Health Nutrition

2nd Edition

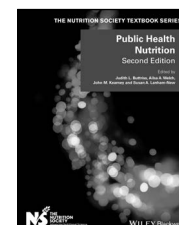
Judith L. Buttriss, Ailsa A. Welch, John M. Kearney &amp; Susan A. Lanham-New

Ground-breaking and comprehensive in both its scope and approach, *Public Health Nutrition* has been fully updated by an expert editorial team to cover the most recent changes in the field.

Divided into five key sections, *Public Health Nutrition* contains a wealth of information, including:

- Public health nutrition concepts and assessment tools, and their application in light of the latest evidence
- Case studies to illustrate how best to apply the theory and evidence to policy and practice
- An examination of nutrition throughout the lifecycle, and the relationship between diet and disease, including in relation to obesity, diabetes, cancer, as well as mental health
- The impact of environmental factors on public health
- Public health strategies, policies and approaches

Print ISBN: 978-1-118-66097-3 (Paper) US\$63.99 • Jun 2017 • 464PP

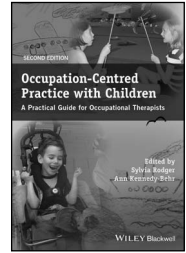


## Occupational Therapy with Children

**Occupation-Centred Practice with Children**A Practical Guide for Occupational Therapists, *2nd Edition***Sylvia Rodger & Ann Kennedy-Behr**

- The only paediatric occupational therapy book which supports the development and implementation of occupation based practice with children
- Highly practical, with a range of case studies, key point summaries, reflective questions, best practice guidelines, and applications to practice
- Fully updated throughout, and includes new chapters including occupational transitions for children and young people, assessing children's occupations and participation, intervention within schools, the arts and children's occupational opportunities, as well as using animals to support children's occupational engagement
- A new appendix outlining all the assessments referred to in the book has now been included
- Written by an international expert team of contributors

Print ISBN: 978-1-119-05762-8 (Paper) US\$63.99 • Jun 2017 • 352PP



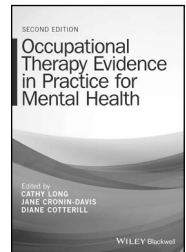
## Occupational Therapy and Mental Health

**Occupational Therapy Evidence in Practice for Mental Health***2nd Edition***Cathy Long, Jane Cronin-Davis & Diane Cotterill**

*Occupational Therapy Evidence in Practice for Mental Health* is an accessible and informative guide to the application of theory and the evidence-base to contemporary clinical practice. Fully updated throughout, chapters cover a range of mental health issues, approaches and settings, including service user and carer involvement, group work, services for older people, interventions, forensic mental health, and managing depression.

- Clearly demonstrates how evidence informs clinical decisions
- Easy to read, accessible, and an ideal resource for students
- This edition includes new chapters on reflective practice, CPD, and the importance of research
- Includes case studies to place theory in relevant clinical context, plus key skills lists and service user perspectives

Print ISBN: 978-1-118-99046-9 (Paper) US\$76.99 • May 2017 • 248PP

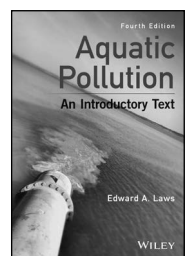


## Aquatic Ecology

**Aquatic Pollution**An Introductory Text, *4th Edition***Edward A. Laws**

- Fully updated to reflect current understanding and discussing these major recent developments, this 4th edition of *Aquatic Pollution* covers every aspect of pollution associated with urban runoff, acid rain, sewage disposal, pesticides, oil spills, nutrient loading, and more
- Case studies of major pollution sites, all original to this new edition, help to illustrate points made in general discussion
- Offering unprecedented depth of coverage, and discussing both fresh and sea water environments, this unique text provides a key teaching and learning tool for courses in environmental science, zoology, oceanography, biology, and civil or sanitary engineering, as well as a vital book for government policy makers
- It is also an excellent primer for policymakers and activists focused on environmental issues

Print ISBN: 978-1-119-30450-0 (Cloth) US\$95.00 • Apr 2017 • 760PP



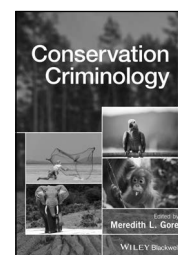
## Conservation Science

## Conservation Criminology

Meredith L. Gore (Previously Announced)



- This important new text introduces conservation criminology as the interdisciplinary study of environmental exploitation and risks at the intersection of human and natural systems
- Taking an interdisciplinary approach, the book enhances understanding of the various human and organizational behaviors that pose risks to the environment, humans, and drive conservation crime
- As human population growth, global market economies, climate change, deforestation, and illegal exploitation of natural resources continue to increase, academic research from numerous disciplines is needed to address these challenges
- *Conservation Criminology* promotes thinking about how unsustainable natural resources exploitation is a cause and a consequence of social conflict



Print ISBN: 978-1-118-93548-4 (Cloth) US\$115.00 • May 2017 • 248PP

## Freshwater Ecology

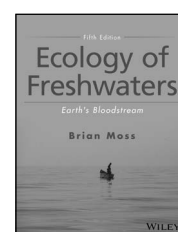
## Ecology of Freshwaters

Earth's Bloodstream, 5th Edition (Previously Announced)

Brian Moss



- The new edition of this established textbook, now with full colour illustration, has been extensively revised and continues to provide a comprehensive, stimulating, readable and authoritative coverage of freshwater habitats, their communities and their functioning, the world over
- The work will be of great value to undergraduate and graduate students, fellow researchers and water managers, and the plain language and lack of jargon should make it accessible to anyone interested in the functioning and current state of lakes and rivers
- It places increasing emphasis on the role of people in damaging and managing freshwaters as we move into the Anthropocene epoch and face unprecedented levels of climate and other changes, whilst rejoicing in the fascination of what are left of near pristine freshwater ecosystems



Print ISBN: 978-1-119-23940-6 (Paper) US\$90.00 • Jun 2017 • 570PP

## Macroecology

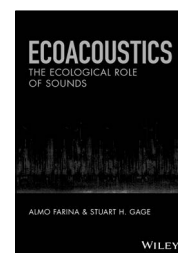
## Ecoacoustics

The Ecological Role of Sounds

Almo Farina &amp; Stuart H. Gage

For the first time, this book collates and reviews the science behind ecoacoustics; illustrating the principles, methods and applications of this exciting new field. Topics covered in this comprehensive volume include:

- The assessment of biodiversity based on sounds emanating from a variety of environments
- The best technologies and methods necessary to investigate environmental sounds
- Implications for climate change and urban systems
- The relationship between landscape ecology and ecoacoustics
- The conservation of soundscapes and the social value of ecoacoustics
- Areas of potential future research



Print ISBN: 978-1-119-23069-4 (Cloth) US\$130.00 • Jul 2017 • 352PP

## Entomology

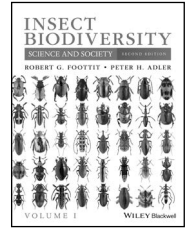
**Insect Biodiversity**

Science and Society, 2nd Edition

**Robert G. Foottit & Peter H. Adler**

- *Insect Biodiversity: Science and Society* brings together leading scientific experts to assess the impact insects have on humankind and the earth's fragile ecosystems. It examines why insect biodiversity matters and how the rapid evolution of insect species is affecting us all
- This book explores the wide variety in type and number of insect species and their evolutionary relationships. Case studies offer assessments on how insect biodiversity can help meet the needs of a rapidly expanding human population, and also examine the consequences that an increased loss of insect species will have on the world
- The book concludes that a better understanding of the biology and ecology of insects is the only way to sustainably manage ecosystems in an ever changing global environment

Print ISBN: 978-1-118-94553-7 (Cloth) US\$120.00 • Jul 2017 • 856PP



## Evolutionary Biology

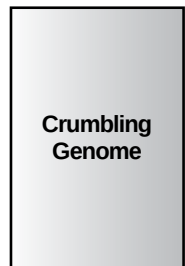
**Crumbling Genome**

The Impact of Deleterious Mutations on Humans (Previously Announced)

**Alexey S. Kondrashov**

- A thought-provoking discussion on human genetics and the concept of spontaneous mutation, bringing together the fields of genetics and evolutionary biology
- Demonstrates how this relationship affects social issues and future medical trends
- Author received media exposure for his commentary linking age and male fertility

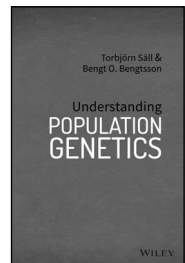
Print ISBN: 978-1-118-95211-5 (Paper) US\$TBA • Jul 2017 • 296PP

**Understanding Population Genetics**

Torbjörn Säll &amp; Bengt O. Bengtsson (Previously Announced)

- The reader is taken through ten mathematical derivations that lead to important results, explaining in a hands-on manner the key concepts and methods of theoretical population genetics. The derivations are carefully worked out and easy to follow
- Particular attention is given to the underlying assumptions and the mathematics used. The results are discussed and broadened out with relevant current implications. All topics feature questions with helpful answers
- The book is intended for the reader who already knows some population genetics but requires a more comprehensive understanding
- It is particularly suited to those who analyse genetic data and wish to better grasp what their results actually mean. It will also be helpful for those who wish to understand how population genetics contributes to the explanation of evolution

Print ISBN: 978-1-119-12403-0 (Paper) US\$71.24 • Aug 2017 • 200PP



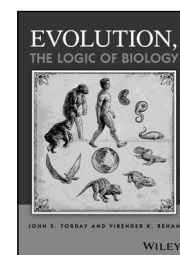
## Molecular Evolution

## Evolution, the Logic of Biology

John S. Torday &amp; Virender K. Rehan

- *Evolution, the Logic of Biology* demonstrates the use of homeostasis, the fundamental principle of physiology and medicine, as the unifying mechanism for evolution as all of biology
- The homeostasis principle can be used to understand how environmental stressors have affected physiologic mechanisms to generate condition-specific novelty through cellular mechanisms
- *Evolution, the Logic of Biology* allows the reader to understand the vertebrate life-cycle as an intergenerational continuum in support of effective, on-going environmental adaptation
- By understanding the principles of physiology from their fundamental unicellular origins, culminating in modern-day metazoans, the reader as student, researcher or practitioner will be encouraged to think in terms of the prevention of disease, rather than in the treatment of disease as the eradication of symptoms
- By tracing the ontogeny and phylogeny of this and other phenotypic homologies, one can perceive and understand how complex physiologic traits have mechanistically evolved from their simpler ancestral and developmental origins as cellular structures and functions, providing a logic of biology for the first time

Print ISBN: 978-1-118-72926-7 (Cloth) US\$TBA • Jun 2017 • 296PP



## Molecular Genetics

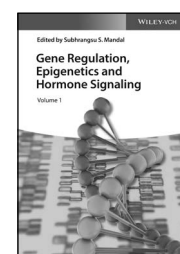
## Gene Regulation, Epigenetics and Hormone Signaling

Volume 1

Subhrangsu S. Mandal

- The first of its kind, this reference gives a comprehensive but concise introduction to epigenetics before covering the many interactions between hormone regulation and epigenetics at all levels
- The contents are very well structured with no overlaps between chapters, and each one features supplementary material for use in presentations
- Throughout, major emphasis is placed on pathological conditions, aiming at the many physiologists and developmental biologists who are familiar with the importance and mechanisms of hormone regulation but have a limited background in epigenetics

Print ISBN: 978-3-527-32281-7 (Cloth) US\$335.00 • Jun 2017 • 668PP



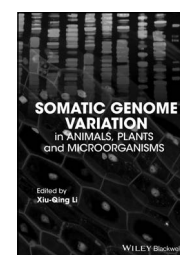
## Genetics

## Somatic Genome Variation in Animals, Plants and Microorganisms

Xiu-Qing Li

- Written by an international team of experts, *Somatic Genome Variation in Animals, Plants and Microorganisms* presents a timely summary of the latest understanding of somatic genome development and variation in plants, animals, and microorganisms
- Wide-ranging in coverage, the authors provide an updated view of somatic genomes and genetic theories while also offering interpretations of somatic genome variation
- The text provides geneticists, bioinformaticians, biologist, plant scientists, crop scientists, and microbiologists with a valuable overview of this fascinating field of research

Print ISBN: 978-1-118-64706-6 (Cloth) US\$TBA • Jun 2017 • 424PP



## Applied Microbiology

**Bio-pigmentation and Biotechnological Implementations****Om V. Singh** (Previously Announced)

- Provide the insights of bio-pigmentation and molecular mechanisms of microbial biosynthesis of pigments
- The new avenues of bio-pigments as sustainable resources to overcome from chemically synthesized pigments under safety net will be established
- Introduce the safest and sustainable resources of bio-pigments among food, feed and pharmaceutical industries
- Aims to propose microbial uniqueness of coloration in variety of food, feed and pharmaceuticals
- Detection strategies to screen and identify the variety of color producing microorganisms under varying environmental conditions
- Unique literature review of color producing extremophiles

Print ISBN: 978-1-119-16614-6 (Cloth) US\$TBA • Aug 2017 • 400PP

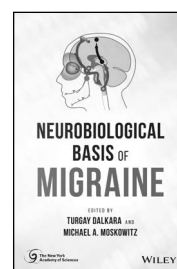
**Bio-pigmentation  
and  
Biotechnological  
Implementations**


## Neurophysiology

**Neurobiological Basis of Migraine****Turgay Dalkara & Michael A. Moskowitz**

- *Neurobiological Basis of Migraine* provides readers with a deep understanding of the molecular mechanisms of migraine and provides valuable insight into translating these findings into novel treatment and preventative options
- *Neurobiological Basis of Migraine* provides focused, but broad-ranging coverage on the neurobiological mechanisms of migraine headaches
- Exciting recent developments on the migraine mutations discovered and their role in CSD and the role of CSD in aura and trigeminal activation (headache) are also introduced

Print ISBN: 978-1-118-96719-5 (Cloth) US\$129.95 • May 2017 • 350PP



## Neurosystems

**Neurobiology of Motor Control**

Fundamental Concepts and New Directions

**Scott Hooper & Ansgar Büschges**

*Neurobiology of Motor Control* brings together contributions from an interdisciplinary group of experts to provide a review of the current state of knowledge about the initiation and execution of movement, as well as the latest methods and tools for investigating them.

- Explores motor control and movement in a wide variety of organisms, from simple invertebrates to human beings
- Offers concise summaries of motor control systems across a variety of animals and movement types
- Explores an array of tools and methodologies, including electrophysiological techniques, neurogenic and molecular techniques, large ensemble recordings, and computational methods
- Considers unresolved questions and how current scientific advances may be used to solve them going forward

Print ISBN: 978-1-118-87340-3 (Cloth) US\$TBA • Aug 2017 • 350PP

**Neurobiology  
of Motor  
Control**


## Plant Biotechnology

## Micropropagation of Orchids, 3 Volume Set

3rd Edition (Previously Announced)

Joseph Arditti &amp; Tim W. Yam

The 3rd Edition of this definitive text on the micropropagation of orchids is divided into three volumes. Updated throughout, it retains the exhaustive list of micropropagation protocols for the known genera and updates each section to include:

- New culture media and vessels
- New techniques and procedures for both orchids which were previously cultured and for those which were not
- New plant hormones and growth regulators
- New media components
- New methods for tissue decontamination
- Additional historical information
- New methods for the cultivation for plantlets which have been removed from flasks
- New sources of light and illumination methods

Print ISBN: 978-1-119-18705-9 (Cloth) US\$911.95 • Aug 2017 • 3200PP



## Plant Cell Biology

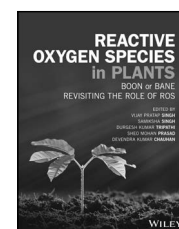
## Reactive Oxygen Species in Plants

Boon or Bane Revisiting the Role of ROS

Vijay Pratap Singh, Samiksha Singh, Durgesh Kumar Tripathi, Sheo Mohan Prasad &amp; Devendra Kumar Chauhan

- Describes both aspects of ROS (bane and boon) and the basics ROS metabolism in plants and how they affect various developmental processes in plants
- Examines the broad range of ROS signalling mechanisms as well as how they may be beneficial for plants and human beings
- Includes new discoveries and in-depth discussions about the advancements made
- Reactive oxygen species are involved in a broad range of biological processes and will be of interest to researchers across multiple disciplines

Print ISBN: 978-1-119-28729-2 (Cloth) US\$200.00 • Aug 2017 • 550PP



## Plant Science

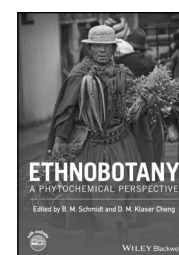
## Ethnobotany

A Phytochemical Perspective

B. M. Schmidt &amp; D. M. Klaser Cheng

- *Ethnobotany: A Phytochemical Perspective* explores the chemistry behind hundreds of plant medicines, dyes, fibers, flavors, poisons, insect repellants, and many other uses of botanicals
- Bridging the gap between ethnobotany and chemistry, this book presents an introduction to botany, ethnobotany, and phytochemistry to clearly join these fields of study and highlight their importance in the discovery of botanical uses in modern industry and research
- Throughout the entire book, vivid color photographs bring science to life, capturing the essence of human botanical knowledge and the beauty of the plant kingdom

Print ISBN: 978-1-118-96190-2 (Cloth) US\$110.00 • Jul 2017 • 376PP



## Weed Research

Expanding Horizons

Paul E. Hatcher & Robert J. Froud-Williams

- This book presents the most up-to-date and comprehensive guide to the current and potential future state of weed science and research
- Weeds have a huge effect on the world by reducing crop yield and quality, delaying or interfering with harvesting, interfering with animal feeding (including poisoning), reducing animal health and preventing water flow
- Topics covered include weed biology and ecology, control of weeds and particular issues faced in their control. Authored and edited by internationally renowned scientists in the field all of whom are actively involved in European Weed Research Society working groups, this succinct overview covers all the relevant aspects of the science of weeds
- *Weed Research: Expanding Horizons* is the perfect resource for botanists, horticultural scientists, agronomists, weed scientists, plant protection specialists and agrochemical company personnel

Print ISBN: 978-1-119-96914-3 (Cloth) US\$200.00 • Jul 2017 • 416PP



## Basic Medical Sciences

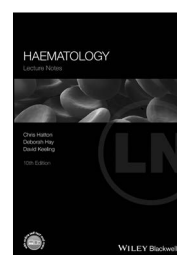
### Haematology Lecture Notes

10th Edition

Chris Hatton, Deborah Hay & David Keeling

- As the science and practice of haematology continues to advance at a considerable rate, *Haematology Lecture Notes* remains a comprehensive guide to this diverse subject, and provides support in understanding the pathogenesis and management of haematological disorders
- Successfully integrating the physiological, pathological, and clinical aspects of haematology, this new edition includes new material on molecular and cellular diagnostics, expanded coverage on haemostasis, malignant haematology and transplant, and features self-assessment questions at the end of each chapter
- Thoroughly revised and updated, *Haematology Lecture Notes* provides the core subject knowledge required by students and junior doctors to excel in this specialty

Print ISBN: 978-1-119-26425-5 (Paper) US\$47.99 • Aug 2017 • 224PP



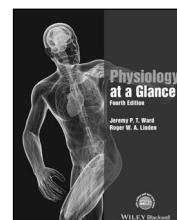
### Physiology at a Glance

4th Edition

Jeremy P. T. Ward & Roger W. A. Linden

- Extensively revised and updated, this 4th Edition of *Physiology at a Glance* continues to provide a thorough introduction to human physiology, covering a wealth of topics in a comprehensive yet succinct manner
- This concise guide breaks this often complex subject down into its core components, dealing with structures of the body from the cellular level to composite systems
- New to this edition are three chapters on cell signalling, thermoregulation, and altitude and aerospace physiology, as well as a glossary of terms to aid medical, dental, health science and biomedical students at all levels of their training
- Featuring clear, full-colour illustrations, memorable data tables, and easy-to-read text, *Physiology at a Glance* is ideal as both a revision guide and as a resource to assist basic understanding of key concepts

Print ISBN: 978-1-119-24727-2 (Paper) US\$43.99 • May 2017 • 152PP



## Electrophysiology

**Clinical Arrhythmology**

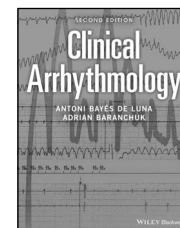
2nd Edition

Antoni Bayés de Luna &amp; Adrian Baranchuk

The 2nd Edition of *Clinical Arrhythmology* provides a fresh, clear, and authoritative overview that will guide readers from a solid understanding of the mechanisms behind cardiac arrhythmias — which is fundamental to their identification — to diagnosis via electrocardiograms and other tools, to specific management options for each of the arrhythmias that cardiologists and other clinicians will encounter in clinical practice.

- Organized in a clear, intuitive manner; introducing the reader to an understanding of the anatomical and electrophysiological bases of arrhythmias, then to a comprehensive review of how to diagnose the full range of rhythmic abnormalities, and then to a discussion of specific clinical syndromes in which arrhythmias play a part
- Highly illustrated chapters ensure key concepts are simpler to understand
- Detailed appendices provide quick reference values for diagnostic and therapeutic techniques, and pharmacotherapeutic agents, and Recommendations

Print ISBN: 978-1-119-21275-1 (Cloth) US\$150.00 • Aug 2017 • 460PP



## Cosmetic / Esthetic Dermatology

**Botulinum Toxins**

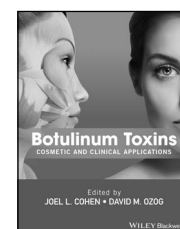
Cosmetic and Clinical Applications

Joel L. Cohen &amp; David M. Ozog

*Botulinum Toxins: Cosmetic and Clinical Applications* provides a comprehensive and in-depth review of the use of botulinum toxin for esthetic procedures and medical applications as a stand-alone treatment and as combination therapy with other non-surgical procedures.

- Benefits from a wealth of color images, procedural videos, and expert tips and tricks
- Takes a region oriented approach, providing guidance on treatment of the glabella, forehead, periocular and perioral areas, plus contouring of the lower face, lower leg and calf, and neck rejuvenation
- Contains a thorough review of non-cosmetic treatments such as correction of facial asymmetry and treatment of axillary hyperhidrosis, plus palm, sole, and craniofacial hyperhidrosis
- Covers exciting new topics, such as future injectables, topical botulinum toxin, and facial contouring including treatment for benign masseter hypertrophy

Print ISBN: 978-1-4443-3825-6 (Cloth) US\$199.95 • Aug 2017 • 392PP



## Emergency Medicine &amp; Trauma

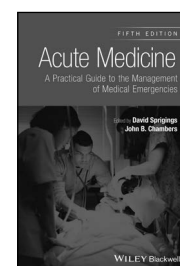
**Acute Medicine**

A Practical Guide to the Management of Medical Emergencies, 5th Edition

David Sprigings &amp; John B. Chambers

- *Acute Medicine* offers an accessible and concise guide to the practical management of all acute medical problems likely to be encountered in the emergency department, ambulatory care centre, acute medical unit or on the wards
- Reflecting the maturation of acute medicine as a separate specialty, the book is divided into common presentations, specific problems and procedures
- New to the fifth edition is a chapter on bed-side ultrasonography; throughout, emphasis is placed on patient safety, and the use of flow diagrams, tables and figures ensures that key information is quickly accessible
- Thoroughly revised by experts in the subject, and updated to reflect current approaches to diagnosis and management, *Acute Medicine* is an excellent companion for the trainee as well as an aide-mémoire for the more experienced physician

Print ISBN: 978-1-118-64428-7 (Paper) US\$65.00 • Jun 2017 • 720PP



## Advanced Paediatric Life Support

A Practical Approach to Emergencies, Australian and New Zealand,  
6th Edition (Previously Announced)

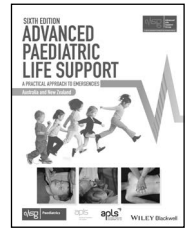
### Advanced Life Support Group

*Advanced Paediatric Life Support* is the internationally renowned manual on emergency paediatric care, written to support the course run by the Advanced Life Support Group. Its clear layout and straightforward style make it a highly practical tool both for training and in the event of an emergency.

The sixth edition includes major new features bringing it right up to date, including:

- Fully adapted for use in Australia and New Zealand, with updates to chapters on shock, the choking child, basic life support and cardiac arrest
- The latest International Liaison Committee on Resuscitation (ILCOR) 2015 Guidelines
- The latest consensus guidelines on paediatric trauma
- Enhanced discussions on the importance of human factors
- A new and improved design including full colour photographs and diagrams

Print ISBN: 978-1-119-38546-2 (Paper) US\$76.95 • Jun 2017 • 384PP



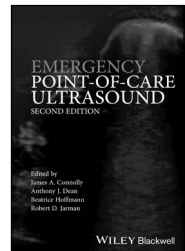
## Emergency Point-of-Care Ultrasound

2nd Edition

James A. Connolly, Anthony J. Dean, Beatrice Hoffmann & Robert D. Jarman

- Practical and focused volume on an essential skill in emergency medicine
- Provides the basic of ultrasonography for beginners — a comprehensive guide for anyone using ultrasound
- Includes chapters on use of US in symptom diagnosis
- State of the art video clips on accompanying website
- Editors and authors are world class teachers — well connected with equipment manufacturers

Print ISBN: 978-0-470-65757-7 (Paper) US\$98.95 • Jun 2017 • 448PP



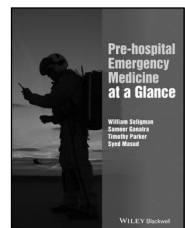
## Pre-hospital Emergency Medicine at a Glance

William Seligman, Sameer Ganatra, Timothy Parker & Syed Masud

*Pre-hospital Emergency Medicine at a Glance* offers healthcare students and trainees the essential theoretical knowledge and practical skills relevant to the provision of immediate care outside of the hospital.

- Looks at the ways in which pre-hospital care is organised and delivered in the United Kingdom
- Explores some of the most common incidents that pre-hospital care teams attend to, including major trauma as well as cardiac arrests
- Includes an illustrated introduction to some of the many practical procedures pre-hospital care teams must be able to perform including resuscitative thoracotomy and rapid sequence induction of anaesthesia
- Takes into account the multi-disciplinary nature of the specialty
- Features a section on careers within pre-hospital care for doctors and paramedics

Print ISBN: 978-1-118-82992-9 (Paper) US\$45.99 • Jul 2017 • 124PP



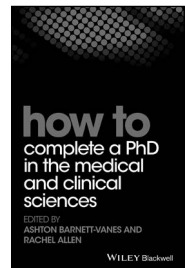
## Clinical & Experimental Medical Research

## How to Complete a PhD in the Medical and Clinical Sciences

Ashton Barnett-Vanes & Rachel Allen

- A concise, practical guide to aid students to complete their PhD in the Medical and Clinical Sciences
- Packed full of useful hints and tips, and practical guidance
- Covers key topics including: what to expect in a medical science department or lab, how to approach each PhD year, core principles and techniques in medical science, dealing with common pitfalls, and how to write up and move on. As well as the burgeoning medical literature and how best to search it; requirements for a medical PhD such as Home Office Licenses or ethics proposals for human research; what to expect in a medical lab or department
- Chapters are contributed by authors with a range of experience, offering complimentary viewpoints from across the PhD research career spectrum

Print ISBN: 978-1-119-18960-2 (Paper) US\$39.99 • Jun 2017 • 200PP



## Evidence-Based Health Care

## How to Implement Evidence-Based Healthcare

Trisha Greenhalgh (Previously Announced)



- From the author of the bestselling introduction to evidence-based medicine, this brand new title makes sense of the complex and confusing landscape of implementation science, the role of research impact, and how to avoid research waste
- *How to Implement Evidence-Based Healthcare* clearly and succinctly demystifies the implementation process, and explains how to successfully apply evidence-based healthcare to practice in order to ensure safe and effective practice
- Written in an engaging and practical style, it includes frameworks, tools and techniques for successful implementation and behavioural change, as well as in-depth coverage and analysis of key themes and topics with a focus on
- *How to Implement Evidence-Based Healthcare* is essential reading for students, clinicians and researchers focused on evidence-based medicine and healthcare, implementation science, applied healthcare research, and those working in public health, public policy, and management

Print ISBN: 978-1-119-23852-2 (Paper) US\$47.99 • Jun 2017 • 288PP



## Hematology

## A Beginner's Guide to Blood Cells

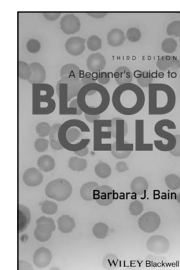
3rd Edition

Barbara J. Bain

The 3rd edition of this popular pocket book, *A Beginner's Guide to Blood Cells* written by Professor Barbara Bain, provides a concise introduction to normal and abnormal blood cells and blood counts for trainees in haematology.

- Includes a brand new chapter on emergency morphology, designed to make the clinical significance and urgency of certain laboratory findings clear for biomedical scientists and to assist trainee haematologists in the recognition of major clinically important abnormalities
- Contains exceptional full colour images throughout
- Introduces important basic concepts of hematology, setting haematological findings in a clinical context
- Provides a fully updated self-assessment section
- An essential resource for trainee haematologists, biomedical scientists, and biomedical science and medical students

Print ISBN: 978-1-119-36773-4 (Paper) US\$55.00 • May 2017 • 168PP



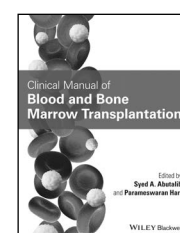
## Clinical Manual of Blood and Bone Marrow Transplantation

Syed A. Abutalib &amp; Parameswaran Hari

*Clinical Manual of Blood and Bone Marrow Transplantation* covers the spectrum of the hematopoietic cell transplant specialty, in particular practical issues in transplant patient care, and the set up and functioning of a transplant program.

- Supplies the practicing and trainee hematologist with a practical and immediately applicable compendium of answers to clinical questions
- Covers the spectrum of the hematopoietic cell transplant specialty, in particular practical issues in transplant patient care, and the set up and functioning of a transplant program
- Contains concise chapters written with a focus on tables, algorithms and figures to aid rapid referral
- Benefits from expert contributions from an international authorship

Print ISBN: 978-1-119-09545-3 (Paper) US\$100.00 • Jun 2017 • 400PP



## Leukaemia Diagnosis

5th Edition

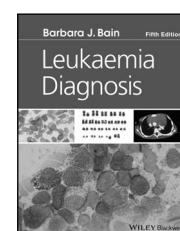
Barbara J. Bain

*Leukaemia Diagnosis*, 5th Edition will be highly valuable to trainee haematologists and laboratory scientists in haematology and related disciplines, and will also prove a useful reference source and teaching aid for those who already have expertise in this field.

Essential reading for every haematologist and haematopathologist, *Leukaemia Diagnosis*, 5th Edition features:

- Over 300 high quality full colour digital images of abnormal cells in leukaemia and lymphoma supplemented by histological, cytogenetic and immunophenotyping images
- Recent information on cytogenetic and molecular genetic abnormalities in leukaemia
- Updated information on the characteristic immunophenotypic characteristics of different categories of leukaemia

Print ISBN: 978-1-119-21054-2 (Cloth) US\$165.00 • May 2017 • 576PP



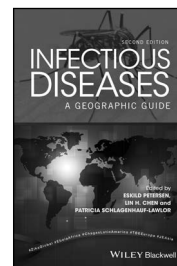
## Infectious Disease

**Infectious Diseases***A Geographic Guide, 2nd Edition***Eskild Petersen, Lin H. Chen & Patricia Schlegelhauf-Lawlor**

The second edition of this concise and practical guide describes infections in geographical areas and provides information on disease risk, concomitant infections (such as co-prevalence of HIV and tuberculosis) and emerging bacterial, viral and parasitic infections in a given geographical area of the world.

- Geographic approach means that it's the only book to guide the health care worker towards a diagnosis based on the location of symptoms and travel history by encouraging the question "where have you been?"
- New content covering MERS, Ebola, Zika, and infections transmitted during air and maritime travel
- Covers the major infectious disease outbreaks framed in their geographic setting such as H7N9 "bird flu" influenza, H1N1, Ebola, and Zika
- Outstanding international editor team with vast experience on various international infectious disease and as journal editors and key leaders in infection surveillance

Print ISBN: 978-1-119-08572-0 (Paper) US\$109.95 • Jun 2017 • 496PP

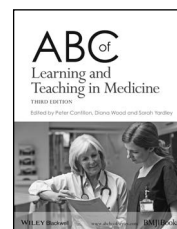


## Medical Education

**ABC of Learning and Teaching in Medicine***3rd Edition***Peter Cantillon, Diana Wood & Sarah Yardley**

- *ABC of Learning and Teaching in Medicine* is an invaluable resource for both novice and experienced medical teachers. It emphasises the teacher's role as a facilitator of learning rather than a transmitter of knowledge, and is designed to be practical and accessible not only to those new to the profession, but also to those who wish to keep abreast of developments in medical education
- Fully updated and revised, this new edition continues to provide an accessible account of the most important domains of medical education including educational design, assessment, feedback and evaluation
- The succinct chapters contained in this ABC are designed to help new teachers learn to teach and for experienced teachers to become even better than they are. Four new chapters have been added covering topics such as social media; quality assurance of assessments; mindfulness and learner supervision

Print ISBN: 978-1-118-89217-6 (Paper) US\$39.95 • Aug 2017 • 120PP

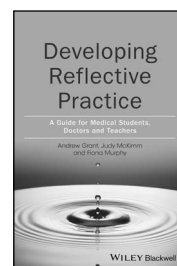
**Developing Reflective Practice***A Guide for Medical Students, Doctors and Teachers***Andrew Grant, Judy McKimm & Fiona Murphy**

*Developing Reflective Practice* is a timely publication providing practical guidance on how to acquire the reflective skills necessary to become a successful clinician.

This new title draws from a wide range of theoretical and practical multidisciplinary perspectives to assist students, practitioners and educators in embedding reflection in everyday activities. It also offers structures and ideas for more purposeful and meaningful formal reflections and professional development.

- Focuses on the developing practitioner and their lifelong learning and the development of professional identity through reflection
- Provides practical how-to information for students, practitioners and educators, including realistic case examples and practice-based hints and tips
- Examines and explains the theoretical and conceptual approaches to reflective practice, including its models and frameworks

Print ISBN: 978-1-119-06474-9 (Paper) US\$38.95 • Jul 2017 • 280PP



## Healthcare Professionalism

Improving Practice through Reflections on Workplace Dilemmas (Previously Announced)

Lynn V. Monrouxe & Charlotte E. Rees

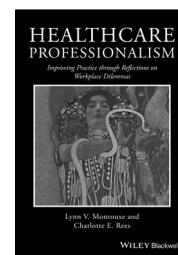
*Healthcare Professionalism: Improving Practice through Reflections on Workplace Dilemmas* provides the tools and resources to help raise professional standards within the healthcare system.

Taking an evidence and case-based approach to understanding professional dilemmas in healthcare, this book examines principles such as applying professional and ethical guidance in practice, as well as raising concerns and making decisions when faced with complex issues that often have no absolute right answer.

Key features include:

- Real-life dilemmas as narrated by hundreds of healthcare students globally
- A wide range of professionalism and inter-professionalism related topics
- Information based on the latest international evidence

Print ISBN: 978-1-119-04444-4 (Paper) US\$55.95 • May 2017 • 256PP



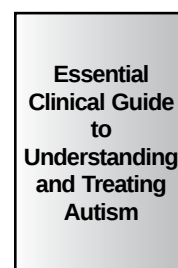
## Pediatrics

### Essential Clinical Guide to Understanding and Treating Autism

Fred R. Volkmar

- Co-authored by the premier expert on autism in the United States and an experienced academic and practicing pediatrician, this volume provides concise and practical information based on the most up-to-date research and clinical experience for primary care givers around the world
- Showing clinicians how to most effectively use evidence-based techniques, this invaluable guide offers primary-care providers access to expert, current research and practice guidelines allowing them to confidently support children who present with symptoms of autism

Print ISBN: 978-1-118-58662-4 (Paper) US\$54.95 • Aug 2017 • 368PP



## Pharmacology & Pharmaceutical Medicine

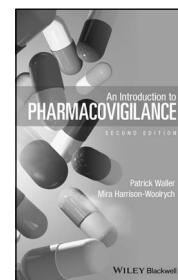
### An Introduction to Pharmacovigilance

2nd Edition

Patrick Waller & Mira Harrison-Woolrych

- Pharmacovigilance is the science and activities relating to the detection, assessment, understanding and prevention of adverse effects or any other drug-related problems
- This introductory guide is designed to aid the rapid understanding of the key principles of pharmacovigilance
- Packed full of examples illustrating drug safety issues it not only covers the processes involved, but the regulatory aspects and ethical and societal considerations of pharmacovigilance
- Covering the basics step-by-step, this book is perfect for beginners and is essential reading for those new to drug safety departments and pharmaceutical medicine students
- The 2nd edition is thoroughly revised and updated throughout and includes a new chapter on clinical aspects of pharmacovigilance

Print ISBN: 978-1-119-28974-6 (Paper) US\$45.00 • May 2017 • 184PP

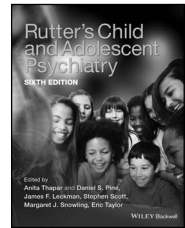


## Psychiatry

**Rutter's Child and Adolescent Psychiatry***6th Edition (Previously Announced)***Anita Thapar, Daniel S. Pine, James F. Leckman, Stephen Scott, Margaret J. Snowling & Eric Taylor**

- Both interdisciplinary and international, it provides a coherent appraisal of the current state of the field to help researchers, trainees and practicing clinicians in their daily work
- Integrating science and clinical practice, it is a comprehensive reference for all aspects of child and adolescent psychiatry
- New to this full color edition are expanded coverage on classification, including the newly revised *Diagnostic and Statistical Manual of Mental Disorders (DSM-5)*, and new chapters on systems neuroscience, relationship-based treatments, resilience, global psychiatry, and infant mental health
- From an international team of expert editors and contributors, this sixth edition is essential reading for all professionals working and learning in the fields of child and adolescent mental health and developmental psychopathology as well as for clinicians working in primary care and pediatric settings

Print ISBN: 978-1-118-38188-5 (Paper) US\$123.95 • Jul 2017 • 1248PP



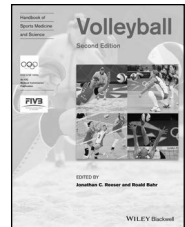
## Sports Medicine

**Handbook of Sports Medicine and Science, Volleyball***2nd Edition***Jonathan C. Reeser & Roald Bahr**

This handbook has been fully updated to reflect the explosion in literature and research. The Editors have been joined by many new contributors offering a fresh perspective to the material. The contents include chapters on biomechanics, injuries of shoulder, knee and ankle, principles of rehabilitation, the young athlete, the female athlete, and the athlete with impairment. Issues of doping are discussed, as is the psychology of sport and maximizing team potential. This new edition:

- Provides a concise, authoritative overview of the science, medicine and psycho-social aspects of volleyball
- Offers guidance on medical aspects unique to the training and coaching of volleyball
- The only book on this subject fully endorsed by both the International Olympic Committee (IOC) and the International Federation of Volleyball (FIVB)
- Written and edited by global thought leaders in sports medicine

Print ISBN: 978-1-119-22701-4 (Paper) US\$65.00 • Jul 2017 • 256PP

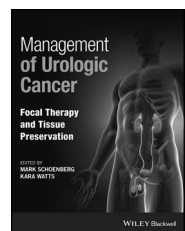


## Urology

**Management of Urologic Cancer***Focal Therapy and Tissue Preservation (Previously Announced)***Mark Schoenberg & Kara Watts**

- Focal/tissue preservation therapy an extremely hot topic in urology and oncology — more and more management strategies are focused on preserving, rather than removing, affected tissue
- Rapid area of technological development in the last ten years — this book will be the first to cover them all in relation to urologic cancer
- Covers all urologic cancers — bladder, prostate, uterus and kidney — competing books focus only on one (ie, prostate)
- Mark Schoenberg is an internationally-renown expert in this exciting new area and has recruited an outstanding team featuring some of the leading urologists/oncologists in North America and Europe to assist him

Print ISBN: 978-1-118-86462-3 (Cloth) US\$145.00 • Jul 2017 • 232PP



## Nursing Education &amp; Professional Development

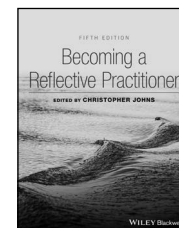
**Becoming a Reflective Practitioner**

5th Edition

Christopher Johns

- *Becoming a Reflective Practitioner* provides a unique insight into reflective practice, exploring the value of using models of reflection, with particular reference to Christopher Johns' own model for structured reflection. Now in its fifth edition, this book has been completely revised and updated to include up-to-date literature and reflective extracts
- Contemporary in approach, this definitive text contains a variety of rich and insightful reflective extracts that support the main issues being raised in each chapter, and challenges practitioners and students to question their own practice
- Now with further scenarios and case studies included throughout, these extracts provide the reader with access to the experience of reflective representation helping to explicate the way in which reflective practice can inform the wider notion of professional practice

Print ISBN: 978-1-119-19392-0 (Paper) US\$55.99 • Jun 2017 • 368PP



## Introductions to Nursing

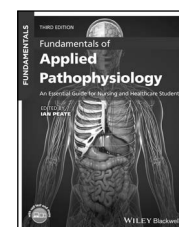
**Fundamentals of Applied Pathophysiology**

An Essential Guide for Nursing and Healthcare Students, 3rd Edition

Ian Peate

- *Fundamentals of Applied Pathophysiology* continues to be an accessible and comprehensive introductory text to pathophysiology, written specifically for nursing and healthcare students to assist in the understanding of human anatomy, and the complex disease patterns that affect normal physiology
- Thoroughly updated, and with full-colour illustrations throughout, this new edition incorporates additional learning features including reflective questions at the end of each chapter, investigation boxes, medication alerts, red flags to indicate essential information to be aware of when providing care, vital signs boxes relating to physiological measurements as well as inclusion of the National Early Warning Score
- With emphasis placed on a multidisciplinary approach, *Fundamentals of Applied Pathophysiology* highlights the importance of contemporary, safe, and effective practice in an environment in which the delivery of care is constantly evolving

Print ISBN: 978-1-119-21947-7 (Paper) US\$49.99 • Aug 2017 • 638PP



## Mental Health Nursing

**Fundamentals of Mental Health Nursing**

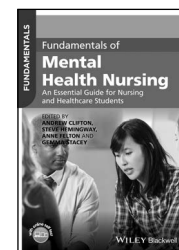
An Essential Guide for Nursing and Healthcare Students

Andrew Clifton, Steve Hemingway, Anne Felton &amp; Gemma Stacey

*Fundamentals of Mental Health Nursing* is an accessible evidence-based introduction to the role of the mental health nurse. This comprehensive overview explores concepts of mental health and distress, ethics and accountability, key nursing models to be aware of, and the prevalence, predisposing factors and features of the most commonly occurring mental health problems.

- Places mental health conditions and interventions within a wider holistic context
- Situates Recovery at the centre of mental health nursing practice
- Links key concepts to mental health across the lifespan
- Contains learning outcomes in each chapter and includes scenarios and vignettes to root concepts in real-life practice

Print ISBN: 978-1-118-88021-0 (Paper) US\$44.95 • Aug 2017 • 448PP



## General &amp; Introductory Veterinary Medicine

**Laser Therapy in Veterinary Medicine**

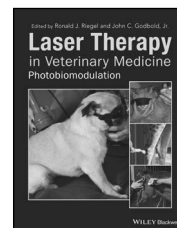
Photobiomodulation

**Ronald J. Riegel & John C. Godbold Jr.**

*Laser Therapy in Veterinary Medicine: Photobiomodulation* is a complete guide to using therapeutic lasers to treat veterinary patients, focusing on practical information.

- Offers a comprehensive resource for incorporating therapeutic lasers in veterinary practice
- Focuses on practical information tailored for the veterinary clinic
- Written by 37 leading experts in veterinary laser therapy
- Provides a thorough foundation on this standard-of-care modality
- Emphasizes clinical applications with a real-world approach

Print ISBN: 978-1-119-22011-4 (Cloth) US\$149.95 • May 2017 • 536PP

**Veterinary Medical Education**

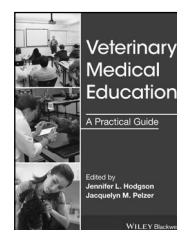
A Practical Guide

**Jennifer L. Hodgson & Jacquelyn M. Pelzer**

*Veterinary Medical Education: A Practical Guide* offers a complete resource to fundamental information on key areas of veterinary education.

- Provides a practical guide to the key principles of veterinary medical education
- Takes a real-world approach, with concrete guidance for teaching veterinary skills and knowledge
- Covers all aspects of designing and implementing a veterinary curriculum
- Emphasizes key points and helpful tips
- Offers a veterinary-specific resource for any veterinary educator worldwide

Print ISBN: 978-1-119-12500-6 (Paper) US\$99.95 • Jun 2017 • 648PP



## Veterinary Anatomy &amp; Physiology

**Functional Anatomy and Physiology of Domestic Animals**

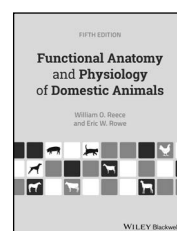
5th Edition (Previously Announced)

**William O. Reece & Eric W. Rowe**

Now in its 5th Edition, *Functional Anatomy and Physiology of Domestic Animals* provides a basic understanding of domestic animal anatomy and physiology, taking an interconnected approach to structure and function of the horse, dog, cat, cow, sheep, goat, pig, and chicken.

- Offers a readable introduction to basic knowledge in domestic animal anatomy and physiology
- Covers equine, canine, feline, bovine, ovine, ruminant, swine, and poultry anatomy and physiology
- Considers structure and function in relation to each other for a full understanding of the relationship between the two
- Provides pedagogical tools to promote learning, including chapter outlines, study questions, self-evaluation exercises, clinical correlates, key terms, suggested readings, and a robust art program
- Includes access to a companion website with video clips, review questions, and the figures from the book in PowerPoint

Print ISBN: 978-1-119-27084-3 (Paper) US\$79.95 • Aug 2017 • 584PP

**Guide to Ruminant Anatomy**

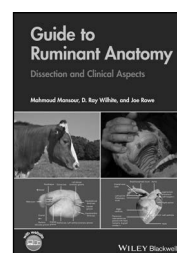
Dissection and Clinical Aspects

**Mahmoud Mansour, D. Ray Wilhite & Joe Rowe**

*Guide to Ruminant Anatomy: Dissection and Clinical Aspects* presents a concise, clinically relevant reference to goat and cattle anatomy, with color schematic illustrations and embalmed arterially injected prosection images for comparison.

- Offers 244 color images depicting goat and cattle anatomy
- Provides selected line drawings correlated to dissection images of embalmed arterially injected specimens
- Takes a practical approach, with material organized by body system within each region
- Demonstrates the clinical relevance of basic anatomy
- Poses review questions in each chapter, with answers and videos provided on a companion website

Print ISBN: 978-1-119-05102-2 (Paper) US\$99.95 • Jul 2017 • 250PP



## Veterinary Clinical Pathology &amp; Laboratory Medicine

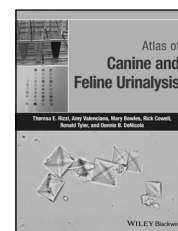
**Atlas of Canine and Feline Urinalysis**

Theresa E. Rizzi, Amy Valenciano, Mary Bowles, Rick Cowell, Ronald Tyler &amp; Dennis B. DeNicola



*Atlas of Canine and Feline Urinalysis* offers an image-based reference for performing canine and feline urinalyses, with hundreds of full-color images depicting techniques, physical characteristics, urine chemistry, and microscopic characteristics of urine sediment in dogs and cats.

- Presents hundreds of full-color images for reference and picture-matching while using urinalysis as a diagnostic tool
- Provides a complete guide to properly performing a urinalysis exam in the veterinary practice
- Emphasizes collection techniques, physical assessment, urine chemistry, and the microscopic sediment exam
- Covers casts, crystals, cells, organisms, and artefacts
- Offers a practical, visual resource for incorporating urinalysis into the clinic



Print ISBN: 978-1-119-11035-4 (Paper) US\$69.95 • Aug 2017 • 232PP

## Veterinary Dermatology

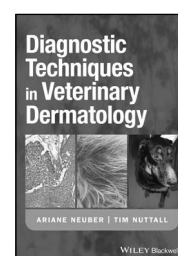
**Diagnostic Techniques in Veterinary Dermatology**

Ariane Neuber &amp; Tim Nuttall

This is the first book devoted solely to the techniques used to investigate skin problems in animals. It provides practical guidance on how to carry out and interpret all of the major veterinary dermatology tests. All the principal tests and techniques are brought together into this single accessible source of information. Learn from the wealth of experience of two highly qualified authors to improve your skills in carrying out diagnostic tests and techniques and avoid wasting time and money on incorrect diagnoses and treatments.

Key features:

- Colour pictures throughout
- Specificity and sensitivity: clear guidance is provided on what the results mean
- Details of the pros and cons of each test and guidance on how to choose the best test
- The focus is on how to carry out techniques in small animals, with additional information relevant to horses and exotic pet species incorporated into each chapter
- Written for veterinary practitioners, nurses, and students



Print ISBN: 978-1-4051-3948-9 (Paper) US\$64.99 • Jun 2017 • 320PP

## Veterinary Emergency &amp; Critical Care

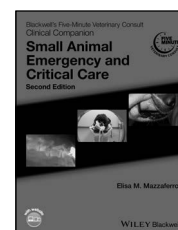
**Blackwell's Five-Minute Veterinary Consult Clinical Companion**

Small Animal Emergency and Critical Care, 2nd Edition (Previously Announced)

Elisa M. Mazzaferro

*Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Emergency and Critical Care, 2nd Edition* provides essential information about treating medical emergencies using a quick-reference format ideal for the fast-paced emergency setting.

- Offers fast access to important information during a small animal emergency
- Presents topics alphabetically with identically formatted topics for ease of use
- Adds information on 25 new diseases and updates throughout, plus updated references and more information on drugs available outside the US
- Features color photographs to depict the diseases and conditions discussed
- Includes access to a companion website with client education handouts to download and use in practice



Print ISBN: 978-1-118-99028-5 (Paper) US\$TBA • Jul 2017 • 792PP

# BSAVA Manual of Canine and Feline Emergency and Critical Care

3rd Edition

Lesley G. King & Amanda Boag

Emergency care is one of the most important areas of veterinary medicine. Building on the success of the bestselling first edition, the international editors and authors have revised and updated the Manual to reflect the continued growth in knowledge in this vital area. The Manual remains a highly practical resource. A new chapter on vascular access details the placement and maintenance of intravenous, arterial and intraosseous catheters. Other new chapters feature: electrolyte abnormalities and acid-base imbalance; and transfusion medicine.

Print ISBN: 978-1-905319-64-0 (Paper) US\$177.95 • May 2017 • 400PP

**BSAVA Manual  
of Canine and  
Feline  
Emergency and  
Critical  
Care**



## Veterinary Internal Medicine

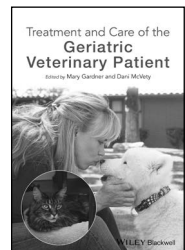
### Treatment and Care of the Geriatric Veterinary Patient

Mary Gardner & Dani McVety

*Treatment and Care of the Geriatric Veterinary Patient* offers veterinarians a complete guide to treating and managing geriatric canine and feline patients.

- Offers practical guidance on managing all aspects of veterinary care in geriatric pets
- Takes a holistic approach to managing the geriatric patient, from common diseases and quality of life to hospice, euthanasia, client communications, and business management
- Focuses on dogs and cats, with a chapter covering common exotic animals
- Provides clinically oriented advice for ensuring quality of life for older pets
- Includes access to a companion website with client education handouts

Print ISBN: 978-1-119-18721-9 (Paper) US\$79.95 • Aug 2017 • 352PP



## Veterinary Pharmacology, Toxicology & Therapeutics

### Veterinary Pharmacology and Therapeutics

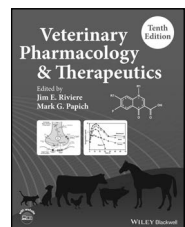
10th Edition (Previously Announced)

Jim E. Riviere & Mark G. Papich

*Veterinary Pharmacology and Therapeutics, 10th Edition* is a fully updated and revised version of the gold-standard reference on the use of drug therapy in all major veterinary species.

- Provides current, detailed information on using drug therapies in all major domestic animal species
- Organized logically by drug class and treatment indication, with exhaustive information on the rational use of drugs in veterinary medicine
- Includes extensive tables of pharmacokinetic data, products available, and dosage regimens
- Adds new chapters on pharmaceuticals, ophthalmic pharmacology, food animal pharmacology, and aquatic animal pharmacology
- Includes access to a companion website with the figures from the book in PowerPoint

Print ISBN: 978-1-118-85582-9 (Cloth) US\$TBA • Aug 2017 • 1416PP



## Veterinary Surgery, Orthopedics & Trauma

### Manual of Small Animal Soft Tissue Surgery

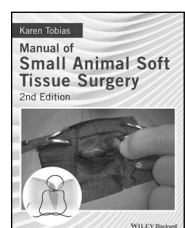
2nd Edition (Previously Announced)

Karen Tobias

A practical manual for veterinarians at all stages of their training and career, *Manual of Small Animal Soft Tissue Surgery, 2nd Edition*:

- Offers expanded coverage of additional procedures and updates reflecting the latest thinking on surgical techniques
- Provides clear, concise instructions on how to complete common soft tissue surgical procedures
- Pairs step-by-step instructions with hundreds of high-quality color photographs and drawings
- Aids small animal veterinary practitioners and students in learning and applying the tips and tricks that experienced surgeons use to make each procedure easier and faster

Print ISBN: 978-1-119-11724-7 (Cloth) US\$99.99 • Aug 2017 • 616PP



## Pitfalls in Veterinary Surgery

Geraldine B. Hunt

*Pitfalls in Veterinary Surgery* offers a candid examination of real-life mistakes and mishaps encountered while operating on veterinary patients.

- Describes a range of mistakes and mishaps encountered by a veterinary surgeon with 30+ years of experience
- Provides an honest examination of the reality of operating on pets
- Offers the opportunity to learn from an experienced surgeon's mistakes
- Discusses mistakes in a wide range of situations, ranging from commonplace to unusual
- Presents a realistic view of veterinary surgery, including how to live with mistakes

Print ISBN: 978-1-119-24164-5 (Paper) US\$59.95 • Jul 2017 • 192PP



### Veterinary Medicine - Equine

## Equine Color Genetics

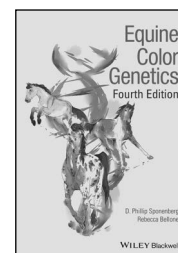
4th Edition

D. Phillip Sponenberg & Rebecca Bellone

*Equine Color Genetics, 4th Edition* presents a detailed examination of the color variation in horses and donkeys and the genetic mechanisms that produce color variations.

- Thoroughly covers the basic colors in horses, including bay, chestnut, black, and brown
- Details the genetic basis of the colors built from the basic coat color, including dilutions and white patterning
- Provides an explanation of genetic mechanisms that determine coat color
- Presents a thorough revision and update, including new advances in molecular genetics, biochemistry, molecular mechanisms, genetic loci, coat colors before domestication, and more
- Offers a new introduction describing the principles of genetics and genomics research to help outline how knowledge is discovered and to assist the reader in understanding concepts covered in the book

Print ISBN: 978-1-119-13058-1 (Cloth) US\$109.95 • Jul 2017 • 376PP



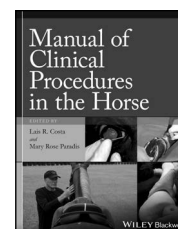
## Manual of Clinical Procedures in the Horse

Lais R. Costa & Mary Rose Paradis

*Manual of Clinical Procedures in the Horse* is a detailed step-by-step guide to clinical skills in equine practice. With information on techniques ranging from physical examination and blood sampling to lameness and neurologic exams and other specialized procedures, the book is an aid to confidently and effectively performing procedures used in daily equine practice.

- Details each step for 80 common procedures for veterinary care of the horse
- Supports veterinarians and technicians in performing techniques in daily equine practice
- Presents more than 1,100 images depicting the steps described in the text
- Covers the purpose, potential complications, equipment, restraint, actions and rationale for each procedure
- Offers a practical patient-side reference to essential techniques in clinical practice, ranging from basic assessment to specialized procedures

Print ISBN: 978-0-470-95927-5 (Paper) US\$99.99 • Jun 2017 • 608PP



## Veterinary Medicine / Dogs &amp; Cats

**Blackwell's Five-Minute Veterinary Consult Clinical Companion**

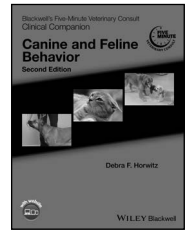
Canine and Feline Behavior, 2nd Edition (Previously Announced)

**Debra F. Horwitz**

*Blackwell's Five-Minute Veterinary Consult Clinical Companion: Canine and Feline Behavior, 2nd Edition* offers fast access to reliable, practical information on managing common behavior disorders in dogs and cats.

- Takes a new section approach to allow for easier browsing
- Adds 19 new topics or algorithms covering separation anxiety, thunderstorm sensitivity, introducing pets to the family and each other, enrichment, geriatric behavior problems, handling techniques, urine marking, leash reactivity, pediatric behavior problems and best practices, and rescue pets
- Offers a comprehensive guide to diagnosing and managing behavior problems in dogs and cats
- Designed for fast access to information, with identically formatted topics for ease of use
- Includes access to a companion website providing 43 client education handouts for download and use, including 25 brand-new handouts

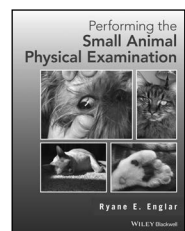
Print ISBN: 978-1-118-85421-1 (Paper) US\$109.99 • Jun 2017 • 1024PP

**Performing the Small Animal Physical Examination****Ryane E. Englar** (Previously Announced)

*Performing the Small Animal Physical Examination* offers an easy-to-follow guide to successfully executing a thorough physical exam in cats and dogs, with nearly 1,000 clinical photographs depicting step-by-step details.

- Provides comprehensive, practical information on the physical examination in small animal patients
- Presents nearly 1,000 color photographs with step-by-step details of the procedures and principles
- Offers advice on preparing the examination room, useful tips, and concrete guidance for examining each body system
- Outlines a systematic, in-depth approach to the initial examination in dogs and cats
- Supports new and experienced veterinarians and veterinary technicians alike in performing a thorough basic exam

Print ISBN: 978-1-119-29530-3 (Cloth) US\$74.95 • Jun 2017 • 512PP



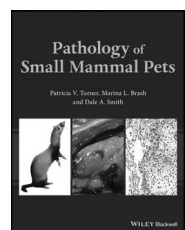
## Veterinary Medicine / Exotic Pets

**Pathology of Small Mammal Pets****Patricia V. Turner, Marina L. Brash & Dale A. Smith**

*Pathology of Small Mammal Pets* presents a ready reference for veterinarians, veterinary pathologists, and technicians who work with small mammal companion animals.

- Provides up-to-date, practical information on common disease conditions in small mammal companion animals
- Offers chapters logically organized by species, with comprehensive information on diagnosing diseases in each species
- Takes a practical, system-based approach to individual disease conditions
- Covers clinical signs, laboratory diagnostics, gross pathology, histopathology, and differential diagnoses in detail
- Includes relevant information for conventional breeding operations and breeding facilities, with strategies for disease management in herds and colonies
- Features information on normal anatomy in included species to assist in recognizing pathology

Print ISBN: 978-0-8138-1831-3 (Cloth) US\$124.99 • Jul 2017 • 448PP



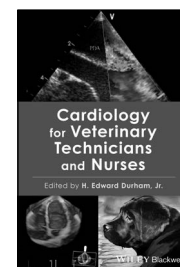
## Cardiology for Veterinary Technicians and Nurses

H. Edward Durham Jr.

*Cardiology for Veterinary Technicians and Nurses* is a comprehensive resource for veterinary technicians and nurses working with cardiovascular patients in veterinary practice.

- Offers a complete reference to veterinary cardiology targeted at veterinary technicians and nurses, summarizing fundamental knowledge on cardiovascular disease
- Covers dogs, cats, horses, ruminants, and camelids
- Provides information ranging from introductory to advanced for a thorough guide to cardiac conditions
- Presents detailed procedures for common cardiac catheterization techniques, including supplies required
- Includes photographs and illustrations to depict the concepts described

Print ISBN: 978-0-8138-1353-0 (Paper) US\$69.99 • Jul 2017 • 456PP



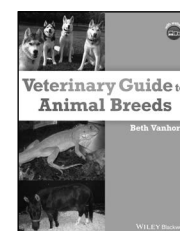
## Veterinary Guide to Animal Breeds

Beth Vanhorn

*Veterinary Guide to Animal Breeds* offers a comprehensive reference for accurately recognizing small animal, exotic, and large animal breeds, with color photographs to aid in identification and important information for delivering veterinary care.

- Provides a reliable, veterinary-based guide to accurately recognizing breeds
- Covers small, large, and exotic animal breeds
- Emphasizes information targeted at daily veterinary practice
- Presents full-color photographs for comparison and identification
- Includes access to a companion website offering teaching materials, including worksheets and teaching PowerPoints

Print ISBN: 978-1-119-29972-1 (Paper) US\$59.95 • Jul 2017 • 140PP



## Life Sciences & Health

### May to August 2017 New Titles

| Title                                                                                                                | Author                                             | ISBN              | Page Reference | Prices (US\$) | Bind  | Quantity |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------|----------------|---------------|-------|----------|
| A Beginner's Guide to Blood Cells, 3rd Edition                                                                       | Bain                                               | 978-1-119-36773-4 | 14             | 55.00         | Paper |          |
| ABC of Learning and Teaching in Medicine, 3rd Edition                                                                | Cantillon, Wood, Yardley                           | 978-1-118-89217-6 | 15             | 39.95         | Paper |          |
| Acute Medicine: A Practical Guide to the Management of Medical Emergencies, 5th Edition                              | Sprigings, Chambers                                | 978-1-118-64428-7 | 12             | 65.00         | Paper |          |
| Advanced Paediatric Life Support: A Practical Approach to Emergencies, Australian and New Zealand, 6th Edition       | Advanced Life Support Group                        | 978-1-119-38546-2 | 13             | 76.95         | Paper |          |
| An Introduction to Pharmacovigilance, 2nd Edition                                                                    | Waller, Harrison-Woolrych                          | 978-1-119-28974-6 | 16             | 45.00         | Paper |          |
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