



health, food and nutrition

new titles from **CABI**

CABI is not like other publishers...


CABI has scientific research, publishing and international development at its core. We improve people's lives by solving problems in agriculture and the environment. Together with our members we address issues of global concern such as food security and climate change. By generating and increasing access to scientific knowledge, and delivering change through development projects, we work to improve crop yields, combat agricultural pests and diseases, protect biodiversity and safeguard the environment, which enables the world's poorest communities to feed themselves.

CABI is a not-for-profit organization. Our profits support rural development projects that go some way to helping the world's poorest people to grow more, lose less and improve their livelihoods.

To find out more about the development work we do visit www.cabi.org/projects

Please note: all prices were correct at the time this catalogue went to press, but may be subject to change without notice. Please refer to www.cabi.org/bookshop for up-to-date pricing.

US publication is 2 months after UK publication.

 indicates the publication is a textbook and available for course adoptions. For inspection copies of these books please fill in the inspection copy request form at www.cabi.org/bookshop

Editorial

If you wish to submit a proposal or discuss collaborating on a project please email **Rachael Russell**, Commissioning Editor at r.russell@cabi.org

Marketing

If you have any marketing queries please email **Elen Newman**, Publishing Marketing Assistant at e.newman@cabi.org

www.cabi.org/bookshop

CABI eBooks Options



CAB eBooks

For the librarian who wants to bring broad, authoritative knowledge from a leading scientific publisher to students and faculty, CAB eBooks is CABI's own web-based multi-disciplinary eBook package, offering anytime/anywhere unlimited access to CABI books in applied life sciences and tourism under an innovative lease-purchase model.

eBooks on our own platform are completely DRM-free, with no restrictions on concurrent users, sharing, or interlibrary loan.

CABI Choice Collections

For a more tailored solution, CABI Choice Collections are precision tools for selecting exactly the right CABI book content for your needs. CABI Choice Collections don't place restrictions or limits on usage.

Your Choice

Choose any titles from the entire Choice Collections catalogue: no minimum or maximum number, select exactly the eBooks you need.

Choice 100

Build a collection of 100 titles from our complete Choice Collections title list for a fixed sum – you choose precisely which titles. Limitless combinations.

Choice Collections

Subject-based collections curated into specific and highly-specialized themes with zero overlap.

Choice Reference

CABI Reference works: leading encyclopedias and dictionaries available for site-wide access. (Not included in subject Choice Collections).

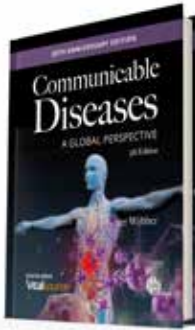
Individual sales

Readers can buy CABI eBooks for their own use from major retail stores Amazon, Google Play and eBooks.com.

An eBook is available for most CABI titles.

For more information please email: sales@cabi.org





Communicable Diseases

A Global Perspective, 5th Edition

Roger Webber, formerly London School of Hygiene and Tropical Medicine, UK

Completely updated and revised, and now published in its fifth edition with an integrated eBook, this prestigious and best-selling text has continued to provide an essential overview of the subject for over 20 years.

A comprehensive yet synoptic account of diseases and their modes of transmission, the book covers epidemiology, control strategies, notifications and regulations, as well as an overview of the major diseases established, new and emerging.

- Concise so that key information can be found at a glance.
- Numerous clear diagrams, bullet points and tables for rapid review and learning.
- Integrated eBook for online use or download to a desktop, tablet or smartphone.

Communicable Diseases continues to provide an essential resource for all those in public health and medical science, and for healthcare workers needing a comprehensive yet concise practical text.

April 2016 | Paperback | 352 Pages | 9781780647425

£39.99 | €55 | \$75

www.cabi.org/bookshop/book/9781780647425

Related Titles:



Disease Selection: The Way Disease Changed the World

Roger Webber, formerly London School of Hygiene and Tropical Medicine, UK

www.cabi.org/bookshop/book/9781780646824



Genetic Epidemiology: Methods and Applications

M A Austin, University of Washington, USA

www.cabi.org/bookshop/book/9781780641812



Pandemic Influenza 2nd Edition

Edited by J Van-Tam, City Hospital, Nottingham, UK, C Sellwood, NHS England and University of Nottingham, UK

www.cabi.org/bookshop/book/9781845938567



Global Health Research in an Unequal World

Ethics Case Studies from Africa

G Aellah, Royal Anthropological Institute, UK,
T Chantler, London School of Hygiene and Tropical Medicine, UK, **P W Geissler**, University of Oslo, Norway

This title is available as an Open Access eBook at
www.cabi.org/cabebooks/ebook/20163308509

"...this challenging, uncomfortable book is a must-read for all of us who work in global health."

– *The Lancet* Vol 389 January 14, 2017

This book is a collection of fictionalised case studies of everyday ethical dilemmas and challenges, encountered in the process of conducting global health research in places where the effects of global, political and economic inequality are particularly evident. It is a training tool to fill the gap between research ethics guidelines, and their implementation 'on the ground'. The case studies, therefore, focus on 'relational' ethics: ethical actions and ideas that emerge through relations with others, rather than in regulations.

This is a flexible resource for training across a variety of contexts, such as medical research organisations, universities, collaborative sites, and NGOs.

September 2016 | Paperback | 274 Pages | 9781786390042

£25 | €35 | \$35

www.cabi.org/bookshop/book/9781786390042

Related Titles:



Health Promotion: Global Principles and Practice

Dixey, Leeds Beckett University, UK

www.cabi.org/bookshop/book/9781845939724



Climate Change and Global Health

Edited by C Butler, University of Canberra, Australia

www.cabi.org/bookshop/book/9781780642659



Disease Selection: The Way Disease Changed the World

Roger Webber, formerly London School of Hygiene and Tropical Medicine, UK

www.cabi.org/bookshop/book/9781780646824



Climate Change and Global Health

Edited by **Colin Butler**, University of Canberra, Australia

"The longer we wait, the more painful and difficult it will be to turn around the global industrial machine and its effects on our planet. The Rockefeller Foundation-Lancet Commission on Planetary Health summed up the urgency this way: "our societies face clear and potent dangers that require urgent and transformative actions to protect present and future generations". Butler's book is a passionate and valuable addition to moving this debate forwards." – *The Lancet*

There is increasing understanding, globally, that climate change will have profound and mostly harmful effects on human health. This authoritative book brings together international experts to describe both direct (such as heat waves) and indirect (such as vector-borne disease incidence) impacts of climate change, set in a broad, international, economic, political and environmental context. This unique book also expands on these issues to address a third category of potential longer-term impacts on global health: famine, population dislocation, and conflict. This lively yet scholarly resource explores these issues fully, linking them to health in urban and rural settings in developed and developing countries. The book finishes with a practical discussion of action that health professionals can yet take.

September 2014 | Hardback | 328 Pages | 9781780642659

£85 | €110 | \$160

June 2016 | Paperback | 328 Pages | 9781780648583

£45 | €60 | \$75

www.cabi.org/bookshop/book/9781780642659

Related Titles:



Communicable Diseases, A Global Perspective, 5th Edition

R Webber, formerly London School of Hygiene and Tropical Medicine, UK

www.cabi.org/bookshop/book/9781780647425



Dogs, Zoonoses and Public Health

Edited by C Macpherson, Windward Islands Research and Education, Grenada, West Indies, F Meslin, World Health Organization, Switzerland, A Wandeler, OIE Reference Laboratory for Rabies, WHO Collaborating Centre, Ontario, Canada

www.cabi.org/bookshop/book/9781845938352



Climate Change in Developing Countries

Edited by M van Drunen, Free University, Amsterdam, The Netherlands, R Lasage, Free University, Amsterdam, The Netherlands, C Dorlands, Free University, Amsterdam, The Netherlands

www.cabi.org/bookshop/book/9781845930776



Health Emergency Preparedness and Response

Edited by **Chloe Sellwood**, NHS England and University of Nottingham, UK and **Andy Wapling**, NHS England, UK

Intensely practical and down to earth, this timely new text covers the breadth of health emergency preparedness, resilience and response topics in the context of interdisciplinary and whole society responses to a range of threats. It includes public, private and third sector roles in preparation for and in response to natural and man-made events, such as: major incident planning; infectious disease epidemics and pandemics; natural disasters; terrorist threats; and business and service continuity management.

The book builds upon the basics of risk assessment and writing an emergency plan, and then covers inter-agency working, command and control, communication, personal impact and business continuity as well as training, exercises and post-incident follow up. Detailing the full emergency preparedness and civil protection planning cycle, the book is illustrated throughout with real-life examples and case studies from global experts in the field for countries with both advanced and developing healthcare systems.

This practical handbook covering the essential aspects of major incident and disaster management is ideal for undergraduate and master's students in emergency management and public health, as well as for practitioners in emergency preparedness and civil protection. It will be valuable to all health practitioners from ambulance, hospital, primary and community care, mental health and public health backgrounds.

Read the first chapter for free: www.cabi.org/openresources/44554 Introduction: Why Do We Need to Prepare?

August 2016 | Paperback | 230 Pages | 9781780644554

£39.99 | €55 | \$65

www.cabi.org/bookshop/book/9781780644554

Related Titles:



Disaster Management: Medical Preparedness, Response and Homeland Security

Edited by R Arora, Defence Research and Development Organization, Delhi, India, P Arora, Guru Gobind Singh Indraprastha University, India

www.cabi.org/bookshop/book/9781845939298



Tourism Crisis and Disaster Management in the Asia-Pacific

Edited by B Ritchie, University of Queensland, Australia, K Campiranon, Dhurakij Pundit University, Thailand

www.cabi.org/bookshop/book/9781780643250



Pandemic Influenza, 2nd Edition

Edited by J Van-Tam, City Hospital, Nottingham, UK, C Sellwood, NHS England and University of Nottingham, UK

www.cabi.org/bookshop/book/9781845938567



Antimicrobial Stewardship

Principles and Practice

Edited by **K LaPlante**, Veterans Affairs Medical Centre, USA, **C Cunha**, Brown University, USA, **H Morrill**, Veterans Affairs Medical Center, **L Rice**, Rhode Island Hospital, USA, **E Mylonakis**, Division of Infectious Diseases, Rhode Island Hospital, USA

In an age where antimicrobial resistance amongst pathogens grows more prevalent, particularly in the hospital setting, antimicrobial stewardship is an evidence-based, proven measure in the battle against resistance and infection.

This single comprehensive, definitive reference work is written by an international team of acknowledged experts in the field. The authors explore the effective use of coordinated antimicrobial interventions to change prescribing practice and help slow the emergence of antimicrobial resistance, ensuring that antimicrobials remain an effective treatment for infection.

Amongst the first of its kind, this book provides infectious disease physicians, administrators, laboratory, pharmacy, nursing and medical staff with practical guidance in setting up antimicrobial stewardship programs in their institutions with the aim of selecting the optimal antimicrobial drug regimen, dose, duration of therapy, and route of administration.

December 2016 | Hardback | 450 Pages | 9781780644394

£150 | €195 | \$250

www.cabi.org/bookshop/book/9781780644394

Related titles



Antimicrobial Drug Discovery: Emerging Strategies

Edited by G Tegos, Wellman Center for Photomedicine, Massachusetts General Hospital, USA, E Mylonakis, Division of Infectious Diseases, Rhode Island Hospital, USA

www.cabi.org/bookshop/book/9781845939434



Antimicrobial Peptides: Discovery, Design and Novel Therapeutic Strategies, 2nd Edition

Edited by G Wang, University of Nebraska Medical Center, USA

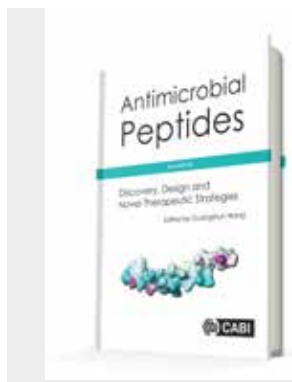
www.cabi.org/bookshop/book/9781786390394



Human Microbiota and Microbiome

Edited by J Marchesi, Cardiff University, UK

www.cabi.org/bookshop/book/9781780640495



Antimicrobial Peptides

Discovery, Design and Novel Therapeutic Strategies, 2nd Edition

Edited by **G Wang**, University of Nebraska Medical Center, USA

Antimicrobial peptides (AMPs) have attracted extensive research attention worldwide. Harnessing and creating AMPs synthetically has the potential to help overcome increasing antibiotic resistance in many pathogens. In addition to covering the current advances in AMP research, this new edition examines new technologies such as bioinformatics, combinatorial libraries, high-throughput screening, peptidomimetics, biophysics and structural biology. This volume also describes new

methods and strategies for AMP prediction, design and applications that overcome obstacles in developing them into therapeutic agents.

Thoroughly updated and revised, the second edition contains new content covering: disulfide-linked AMPs; the genetic basis of bacterial resistance and antibiofilm strategies; advances in AMP technologies that cover surface coating, biodetection, nanoparticles, formulation and delivery; as well as understanding innate immunity and the basis for immune boosting.

Written by a group of established investigators, *Antimicrobial Peptides* is a valuable resource for postgraduate students, researchers, educators and medical and industrial personnel.

September 2017 | Hardback | 288 Pages | 9781786390394

£105 | €140 | \$175

www.cabi.org/bookshop/book/9781786390394

Related Books:



Antimicrobial Drug Discovery: Emerging Strategies

Edited by G Tegos, Wellman Center for Photomedicine, Massachusetts General Hospital, USA, E Mylonakis, Division of Infectious Diseases, Rhode Island Hospital, USA

www.cabi.org/bookshop/book/9781845939434



Antimicrobial Stewardship, Principles and Practice

Edited by K LaPlante, Veterans Affairs Medical Centre, USA, C Cunha, Brown University, USA, H Morrill, Veterans Affairs Medical Center, L Rice, Rhode Island Hospital, USA, E Mylonakis, Division of Infectious Diseases, Rhode Island Hospital, USA

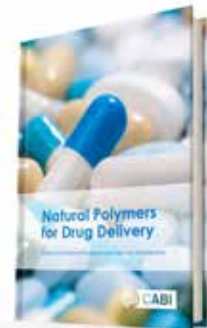
www.cabi.org/bookshop/book/9781780644394



Stress Response in Pathogenic Bacteria

Edited by S Kidd, The University of Adelaide, Australia

www.cabi.org/bookshop/book/9781845937607



Natural Polymers for Drug Delivery

Edited by **H Kharkwal**, Amity University, Uttar Pradesh, India, **S Janaswamy**, South Dakota State University, USA

Natural polymers have been utilized extensively in food, pharmaceuticals, cosmetics, textiles, oil drilling and paint industries. Their non-toxic and inexpensive attributes readily enhance their commercial acceptability and make them potent agents in lieu of synthetic polymers.

This book explores the opportunistic utility of natural polymers in developing effective drug delivery systems and provides a comprehensive and up-to-date analysis of their source, chemical structure and mechanism of action.

Covering novel polymers for drug delivery – in particular extracts from plants, microorganisms and proteins, as well as water soluble and water insoluble biodegradable polymers – it presents an encyclopaedic overview of natural polymers':

- quintessential roles in binding drugs towards enhancing bioavailability
- modification and derivatization for targeted delivery
- role as active drugs

Natural Polymers for Drug Delivery is an invaluable resource for researchers, students and industrial scientists in the fields of biochemistry, chemistry, pharmacology and food science.

December 2016 | Hardback | 216 Pages | 9781780644479

£95 | €125 | \$160

www.cabi.org/bookshop/book/9781780644479

Related books



Medicinal Plant Biotechnology

Edited by R Arora, Defence Research and Development Organization, Delhi, India

www.cabi.org/bookshop/book/9781845936785



Natural Antioxidants and Biocides from Wild Medicinal Plants

Edited by C Cespedes, University of Bio Bio, Chile, D Sampietro, Universidad Nacional de

Tucumán, Argentina, M Rai, SGB Amravati University, India, D Seigler, University of Illinois, USA

www.cabi.org/bookshop/book/9781780642338



Bacteriophages in Health and Diseases

Edited by P Hyman, Ashland University, USA, S Abedon, The Ohio State University, USA

www.cabi.org/bookshop/book/9781845939847



The Handbook of Microbial Metabolism of Amino Acids

Edited by **J D'Mello**, Formerly of SAC
(Scottish Agricultural College), UK

This book collates and reviews recent advances in the microbial metabolism of amino acids, emphasizing diversity – in terms of the range of organisms under investigation and their natural ecology – and the unique features of amino acid metabolism in bacteria, yeasts, fungi, protozoa and nematodes. As well as studying the individual amino acids, including arginine, sulfur amino acids, branched-chain amino acids and aromatic amino acids, a number of themes are explored throughout the work. These include:

- Comparative issues between the metabolism of microbes and those of higher organisms, including plants and mammals
- Potential for drug targets in pathways of both biosynthesis and degradation of amino acids
- Relationship between amino acids or associated enzymes and virulence in parasitic pathogens
- Practical implications for food microbiology and pathogen characterization
- Future priorities relating to fundamental biochemistry of microorganisms, food quality and safety, human and animal health, plant pathology, drug design and ecology

As the volume of research into the metabolism of amino acids grows, this comprehensive study of the subject is a vital tool for researchers in the fields of biological, medical and veterinary sciences, including microbiology, biochemistry, genetics and pathology. This book is also essential for corporate organizations with active research and development programmes, such as those in the pharmaceutical industry.

April 2017 | Hardback | 544 Pages | 9781780647234

£195 | €255 | \$320

www.cabi.org/bookshop/book/9781780647234

Related Books:



Amino Acids in Higher Plants

Edited by J. D'Mello, Formerly of SAC (Scottish Agricultural College), UK
www.cabi.org/bookshop/book/9781780642635



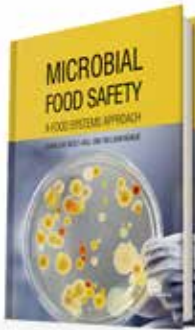
Amino Acids in Human Nutrition and Health

Edited by J. D'Mello, Formerly of SAC (Scottish Agricultural College), UK
www.cabi.org/bookshop/book/9781845937980



Amino Acids in Animal Nutrition, 2nd Edition

Edited by J. D'Mello, Formerly of SAC (Scottish Agricultural College), UK
www.cabi.org/bookshop/book/9780851996547



Microbial Food Safety

A Food Systems Approach



C Wolf-Hall, North Dakota State University, USA,
W Nganje, North Dakota State University, USA

This interdisciplinary textbook provides the reader with vital information and comprehensive coverage of foodborne microbial pathogens of potential risk to human consumers. It includes human pathogens and toxins originating from plants, fungi and animal products and considers their origin, risk, prevention and control. From the perspectives of microorganisms and humans, the authors incorporate concepts from the social and economic sciences as well

as microbiology, providing synergies to learn about complex food systems as a whole, and each stage that can present an opportunity to reduce risk of microbial contamination.

Microbial Food Safety: A Food Systems Approach explains concepts through a food supply network model to show the interactions between how humans move food through the global food system and the impacts on microorganisms and risk levels of microbial food safety. Presented in full colour throughout, this book:

- Is clearly organised into easy digestible and accessible contents
- Includes key questions, summaries, further reading and a glossary to aid and focus reading
- Contains information boxes and numerous examples to help you review and apply the concepts covered

Written by authors renowned in the field and with extensive teaching experience, this book is essential reading for upper-level undergraduate and postgraduate students of food microbiology, food safety and food science, in addition to professionals working in these areas.

March 2017 | Hardback | 198 Pages | 9781780644806

£85 | €110 | \$140

March 2017 | Paperback | 198 Pages | 9781780644813

£39.99 | €55 | \$65

www.cabi.org/bookshop/book/9781780644806

Related Books:



Chemical Food Safety

L Brimer, University of Copenhagen, Denmark

www.cabi.org/bookshop/book/9781845936761



Food Safety: Contaminants and Toxins

J P D'Mello, Formerly of SAC, UK

www.cabi.org/bookshop/book/9780851996073



Amino Acids in Higher Plants

J P D'Mello, Formerly of SAC, UK

www.cabi.org/bookshop/book/9781780642635



Health Benefits of Green Tea

An Evidence-based Approach

Edited by **Yukihiko Hara, Chung S. Yang, Mamoru Isemura, Isao Tomita**

Providing evidence to support the health-promoting components of green tea for human health, this book reflects current understandings of the prevention of major chronic and some infectious diseases by tea and tea constituents. The authors explore common emerging themes related to the actions of tea polyphenols against different diseases, such as antioxidant, anti-inflammatory and metabolism-regulatory actions. Offering up-to-date data and reflecting current research, *Health Benefits of Green Tea*:

- Is written by a team of experts from across the globe and makes significant Japanese findings available to international researchers
- Comprehensively covers the many components of green tea considered to have specific health benefits
- Covers the significance of green tea and its catechins represented by epigallocatechin gallate (EGCG), demonstrating their beneficial effects on various diseases including cancer, obesity, arteriosclerosis, diabetes, hepatitis, and neurodegenerative diseases
- Explores the present status of human studies and avenues for future research
- Contributes to understandings of bioactivities and developments of other polyphenolic compounds

This book is an essential resource for scientists interested in the chemistry, biochemistry, nutrition, agriculture, pharmacology and health benefits of tea, in addition to those researching functional foods and beverages.

September 2017 | 296 pages | HB | 9781786392398

£105 | €140 | \$175

www.cabi.org/bookshop/book/9781786392398

Related Books:



Protective Effects of Tea on Human Health

Edited by N Jain, International Society of Tea Science, New Delhi, India, M Siddiqi, Bose Institute, Kolkata, India, J Weisburger, Institute for Cancer Prevention, American Health Foundation, USA

www.cabi.org/bookshop/book/9781845931124



Health-promoting Properties of Fruit and Vegetables

Edited by L Terry, Cranfield University, UK

www.cabi.org/bookshop/book/9781845935283



Olive Oil and Health

Edited by J Quiles, University of Granada, Spain, C Ramirez-Tortosa, University of Granada, Spain, P Yaqoob, The University of Reading, UK

www.cabi.org/bookshop/book/9781845930684

Global Health



unparalleled access to all the world's relevant public health research and practice – providing knowledge without borders

what is Global Health?

Global reach: captures international literature not covered by other databases, providing users with a truly global perspective.

Unique: 60% of the journals contained in Global Health are unique to the database. Literature is specifically selected by subject specialists. Only relevant papers are included, and content is directed by an international editorial advisory board.

Comprehensive: the database covers all aspects of public health at both international and community level, as well as a wealth of material from other biomedical and life science fields.

Full Text: Global Health provides selected full text content of journals, reports and conferences from hard-to-find sources.

Find out more and to request your **free trial** go to:

www.cabi.org/globalhealth

contact

our Sales team for more information and to request a free trial:

CABI Head Office, Nosworthy Way, Wallingford, Oxfordshire OX10 8DE, UK
T: +44 (0)1491 829313, E: sales@cabi.org



Please fill out the order form overleaf and send with the correct postage and packing fee to:

Marston Book Services Ltd., 160 Eastern Avenue, Milton park, Abingdon,
OXON OX14 4SB UK

T: +44 (0)1235 465577 **F:** +44 (0)1235 465555 **E:** direct.orders@marston.co.uk

Delivery address (PLEASE USE BLOCK CAPITALS THROUGHOUT)

Title First Name Last Name

Email

Address

Postcode Country Telephone

Telephone Email

Payment details

My Ref. No. (optional) Order Date

Please charge my credit / Debit card

Visa Mastercard Delta Start date: /

Card no.

Expiry date / Security code

Name on card

Billing address (if different from above)

Date Signature

Please complete this form and post to the address above. Alternatively you may email or phone to place your order. Prices are correct as of leaflet print date, but may be subject to change without notice.

Please see www.cabi.org/bookshop for up-to-date pricing.

P&P: For orders in the UK £3.65 for the first book and £1.25 thereafter (10 max). For pre-paid orders in Western Europe please add £5.25/€6.80 and £1.50/€2 thereafter (max 10). For orders not pre-paid, P&P will be charged according to the weight of the book.

P&P for the rest of the world please add shipping fee of £7.90/€10.50/\$14.90 for the first book and £2/€2.50/\$4 thereafter.

Please tick here if you DO NOT wish to receive further information from us. For further information regarding CABI's privacy policy, please contact: cabi@cabi.org

