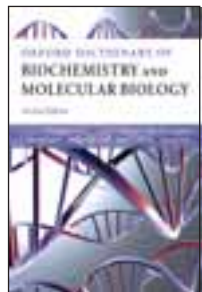


NEW EDITION

Oxford Dictionary of Biochemistry and Molecular Biology

SECOND EDITION



Edited by **Richard Cammack**, King's College London, UK, **Teresa Attwood**, University of Manchester, UK, **Peter Campbell**, Deceased, **Howard Parish**, **Anthony Smith**, University College London, UK, **Frank Vella**, University of Saskatchewan, Canada, and **John Stirling**, King's College London, UK

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Renée C Fox, University of Pennsylvania, USA, and **Judith P Swazey**, Boston University, USA

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William Bains, Freelance science writer

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with Perl, R and MySQL

Conrad Bessant, Cranfield University, UK, **Ian Shadforth**, LifeScan Scotland Ltd., and **Darren Oakley**, The Wellcome Trust Sanger Institute

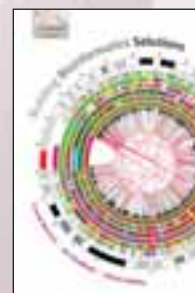
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Protein Structure and Function

Gregory Petsko and **Dagmar Ringe**, both at Brandeis University, USA

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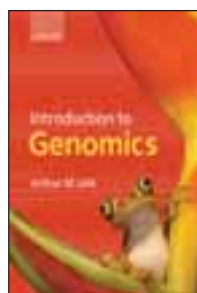
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Nico M van Straalen, and **Dick Roelofs**, both at Universiteit, Amsterdam, The Netherlands

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Bulletin of the British Ecological Society

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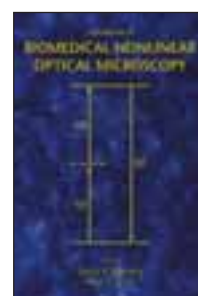
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Handbook of Biological Nonlinear Optical Microscopy



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clinicians. The chapters are separated into basic and advanced sections, and provide both textual and graphical illustrations of all key concepts. The more basic sections are aimed at life scientists without advanced training in physics and mathematics, and tutorials are provided for the more challenging sections.

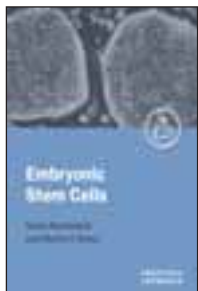
May 2008 | 894 pages

978-0-19-516260-8, HARDBACK

£82.00/\$150.00

Embryonic Stem Cells

A Practical Approach



Edited by **Elena Notarianni**, University of Newcastle, UK, and **Martin J. Evans**, Cardiff University, UK

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Perl for Exploring DNA



Mark D. LeBlanc, Wheaton College, Massachusetts, USA, and **Betsy Dexter Dyer**, Wheaton College, Massachusetts, USA

This book provides an exceptionally friendly introduction to Perl that emphasizes good programming practices with repeated exposure to pattern matching as applied to

biological sequence analysis (DNA analysis, Protein analysis). The full-length book is appropriate for majors in either computer science or biology and especially relevant for new interdisciplinary courses involving students from multiple disciplines.

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Immunity

The Immune Response in Infectious and Inflammatory Disease

Anthony DeFranco, and **Richard Locksley**, both at University of California, San Francisco, USA, and **Miranda Robertson**, New Science Press, USA

Immunity: The Immune Response to Infectious and Inflammatory Disease presents an engaging insight into one of the most intricate yet conceptually challenging biological systems. With a unique emphasis on the immune response to infection, it builds up a complete picture of the immune system as a dynamic interface with the outside world.

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Edited by **James V. Lavery**, St. Michael's Hospital and University of Toronto, Canada, **Christine Grady**, The Clinical Center, National Institute of Health, USA, **Elizabeth R. Wahl**, Yale University School of Medicine, USA, and **Ezekiel J. Emanuel**, Department of Clinical Bioethics, The Clinical Center, Department of Clinical Bioethics, USA

'This is a well-written book and a must-read for anyone trying to understand the concerns associated with international biomedical research. The cases address research in many parts of the world on different disorders and conditions. The commentaries give readers a better appreciation of the breadth and depth of the relevant ethical issues.'

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David Greenwood, University of Nottingham Medical School, UK

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February 2008 | 464 pages

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David Greenwood, and **Roger Finch**, both at University of Nottingham Medical School, UK, **Peter Davey**, University of Dundee, UK, and **Mark Wilcox**, University of Leeds, UK

'Its undoubted strength is the clinical context within which the information is portrayed and the sections on antimicrobial resistance and principles of antimicrobial usage are worth the price of the book alone.'

British Journal of Hospital Medicine

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978-0-19-857016-5, PAPERBACK £29.95/\$65.00

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Genetic Susceptibility to Infectious Diseases

Edited by **Richard A. Kaslow, M.D.**, University of Alabama, USA, **Janet M. McNicholl, M.D.**, Centers for Disease Control and Prevention, USA, and **Adrian V. S. Hill**, University of Oxford, UK

There are many varieties of genetic susceptibility to infection. The book is split into three parts: part 1 focuses on the genetic aspects of the relationship between host and pathogen, section 2 systematically deals with sequence variation/function relationships, and section 3 gives a picture of how these genes operate in infectious disease.

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Streptomyces in Nature and Medicine

The Antibiotic Makers

David A. Hopwood, University of East Anglia, Norwich, UK

'...very accessible to the non-specialist reader. New concepts are fully introduced and explained clearly. The book has many black and white illustrations which efficiently aid understanding of the concepts presented...enormously enjoyable.'

Immunology News

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The Handbook of Biological Therapy

Bruce Kirkham, Guy's & St Thomas' Hospital, London, UK, **Arthur Kavanaugh**, University of California, San Diego, USA, **Scott Eric Plevy**, University of Pittsburgh School of Medicine, USA, and **Jonathan Barker**, St Thomas' Hospital, London, UK

This guide provides a comprehensive distillation of the clinical experience with Tumor Necrosis Factor (TNF) blocking therapy drugs combined with the diverse available databases to provide practical information about the use of these drugs in daily practice. Much of the literature currently available has come from the clinical trial setting with an academic emphasis. This book is rigorously practical and is the guide that every rheumatologist, gastroenterologist and dermatologist who treats patients with this class of drugs will want to have on hand to answer their questions that arise every day.

November 2008 | 176 pages

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FOURTH EDITION

Margaret Knowles, Cancer Research UK Clinical Centre, Leeds, UK, and **Peter Selby**, National Cancer Research Network, Leeds, UK

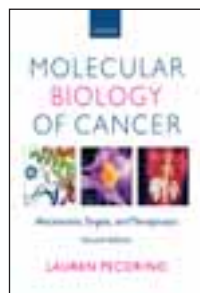
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Lauren Pecorino, University of Greenwich, UK

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James G. Fujimoto, Massachusetts Institute of Technology, USA, and **Daniel Farkas**, Carnegie-Mellon University, USA

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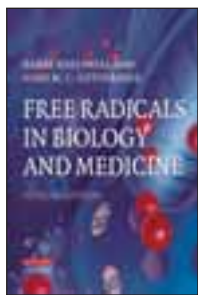
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Barry Halliwell, National University of Singapore, Singapore, and **John Gutteridge**, Royal Brompton and Harefield NHS Trust, London

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The dual role of DNA in life and death



Jan Vijg, Buck Institute for Age Research, Novato, California, USA

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Nature

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The Oxford Handbook of Bioethics

Edited by **Bonnie Steinbock**, University at Albany/State University of New York

'The *Oxford Handbook of Bioethics* endeavours to take the pulse of contemporary bioethics. The resulting collection is impressive. It comprises 30 essays, largely philosophical in approach, in which several luminaries of bioethics - alongside younger, up-and-coming scholars - offer thoughtful and challenging perspectives.'

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Daniel Steel, Assistant Professor of Philosophy, Michigan State University

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978-0-19-533144-8, HARDBACK £34.99/\$65.00

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Edited by **Julian Savulescu**, and **Nick Bostrom**, both at University of Oxford, UK

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January 2009 | 328 pages

978-0-19-929972-0, HARDBACK £25.00/\$50.00

Ethics, Prevention, and Public Health

Edited by **Angus Dawson**, Keele University, UK, and **Marcel Verweij**, Utrecht University, The Netherlands

'The book is very well structured...Personally, the book has enabled me to get a better grip on an issue that I have had in the back of my mind for some years...this book does not provide ready-made answers for public health practitioners stumbling over ethical issues. Rather, it forces readers to reflect on these issues, deepen their understanding and arrive at conclusions that should be discussed with others.'

Bulletin of the World Health Organization

In twelve original papers notable ethicists explore various issues raised by public health practice—an area that has received scant attention in the published literature. They use the resources of ethical theory to illuminate important theoretical and practical topics, including the nature of public health, notions of community, population bioethics, the legitimate role of law, the use of cost-effectiveness as a methodology, screening, smoking policies, vaccinations, and the nature of infectious disease.

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978-0-19-929069-7, HARDBACK £39.00/\$75.00