

ONLINE ISSN 1471-8391

BRITISH MEDICAL BULLETIN

A SERIES OF EXPERT REVIEWS

Volume 137 2021

<https://academic.oup.com/bmb>

BRITISH MEDICAL BULLETIN

Volume 137 2021 PAGES 1 – 111

Downloaded from <https://academic.oup.com/bmb/issue/137/1> by guest on 21 August 2022

OXFORD

OXFORD
UNIVERSITY PRESS

BRITISH MEDICAL BULLETIN EDITORIAL BOARD

EDITOR-IN-CHIEF

Dr Norman J Vetter
Retired: previously Reader in Department of Epidemiology,
Cardiff University, UK

EDITORIAL ADVISORY BOARD

Professor D Coggon
Environmental Epidemiology Unit
Southampton General Hospital
Southampton, UK

Professor A-L Kinmonth
General Practice and Primary Care Research Group
Institute of Public Health
Cambridge, UK

Professor S K Smith
Faculty of Medicine
Imperial College London
London, UK

Dr G Watts
Presenter in science broadcasting
BBC, London, UK

COMMISSIONING EDITORS

Professor R Chadwick
Cardiff University, UK

Professor D Chamberlain
Cardiff University, UK

Professor C Cooper
University of Southampton, UK

Professor the Baroness I Finlay
Velindre Hospital, Cardiff, UK

Professor F Flinter
Genetics Department, Guy's Hospital, UK

Professor P J Foster
Departments of Epidemiology and Glaucoma
Institute of Ophthalmology and Moorfields Eye Hospital, UK

Professor A Freedman
Cardiff University School of Medicine, UK

Professor S Ghosh
Professor of Gastroenterology
Imperial College Medical School, UK

Professor S Griffiths
The Chinese University of Hong Kong, China

Dr G Keramida
Nuclear Medicine Department,
Royal Brompton and Harefield Hospital, UK

Professor Sir P T Khaw
Wound Healing Research Unit,
Institute of Ophthalmology and Moorfields Eye Hospital, UK

Professor G Kinman
University of Bedfordshire, UK

Professor S Krishna
University of London, UK

Professor N Lemoine
Institute of Cancer, Cancer Research UK Clinical Centre
Barts and the London School of Medicine, UK

Professor A Lever
Department of Medicine, Addenbrooke's Hospital, UK

Professor N Maffulli
University of London, Barts and The London School of
Medicine and Dentistry, UK

Professor E Matutes
The Institute of Cancer Research, UK

Professor M Maze
Chelsea and Westminster Hospital, London, UK

Professor J Newton
Faculty of Medical Sciences, Newcastle University, UK

Professor M O'Driscoll
Genome Damage & Stability Centre University of Sussex, UK

Dr S Prasad
National Heart and Lung Institute,
Royal Brompton Hospital, London, UK

Professor E Sim
Department of Pharmacology, University of Oxford, UK

Professor D Togerson
The University of York, UK

Professor S R Underwood
Royal Brompton Hospital, London, UK

Professor T Warner
UCL Institute of Neurology, London, UK

Professor J Wass
Nuffield Orthopaedic Centre, Oxford, UK

Professor M Whyte
The Medical School, University of Sheffield, UK

Dr P Wincour
East and North Hertfordshire NHS Trust, UK

Professor K J Wood
John Radcliffe Hospital, Oxford, UK

Professor P Woodruff
Sheffield Cognition And Neuroimaging Laboratory (SCANLab)
The Longley Centre (Northern General Hospital), UK

Professor Q Xu
Cardiovascular Division, Kings College, London, UK

SUBSCRIPTIONS

A subscription to the *British Medical Bulletin* comprises 4 issues. *British Medical Bulletin* operates a model of continuous online publication, for the latest reviews please visit <https://academic.oup.com/bmb>.

Annual Subscription Rate (4 volumes of one issue) 2021

Institutional

Site-wide online access only: £388.00/\$737.00/€582.00

Please note: US\$ rate applies to US & Canada, Euros applies to Europe, UK£ applies to UK and Rest of World

There may be other subscription rates available, for a complete listing please visit <https://academic.oup.com/bmb/subscribe>.

Full prepayment, in the correct currency, is required for all orders. Orders are regarded as firm and payments are not refundable. Subscriptions are accepted and entered on a complete volume basis. Claims cannot be considered more than FOUR months after publication or date of order, whichever is later. All subscriptions in Canada are subject to GST. Subscriptions in the EU may be subject to European VAT. If registered, please supply details to avoid unnecessary charges. For subscriptions that include online versions, a proportion of the subscription price may be subject to UK VAT. Personal rate subscriptions are only available if payment is made by personal cheque or credit card and delivery is to a private address.

The current year and two previous years' issues are available from Oxford University Press. Previous volumes can be obtained from the Periodicals Service Company, 11 Main Street, Germantown, NY 12526, USA. Email: psc@periodicals.com. Tel: +1 (518) 537 4700. Fax: +1 (518) 537 5899.

For further information, please contact: Journals Customer Service Department, Oxford University Press, Great Clarendon Street, Oxford OX2 6DP, UK. Email: jnls.cust.serv@oup.com. Tel (and answerphone outside normal working hours): +44 (0) 1865 353907. Fax: +44 (0)1865 353485. **In the US, please contact:** Journals Customer Service Department, Oxford University Press, 2001 Evans Road, Cary, NC 27513, USA. Email: jnorders@oup.com. Tel (and answerphone outside normal working hours): 800 852 7323 (toll-free in USA/Canada). Fax: 919 677 1714. **In Japan, please contact:** Journals Customer Service, Oxford University Press, 4-5-10-8F Shiba, Minato-ku, Tokyo 108-8386, Japan. Tel. +81 3 5444 5858. Fax. +81 3 3454 2929. E-mail: custserv.jp@oup.com.

Methods of payment. Payment should be made: by cheque (to Oxford University Press, Cashiers Office, Great Clarendon Street, Oxford, OX2 6DP, UK); by bank transfer [to Barclays Bank Plc, Oxford Office, Oxford (bank sort code 20-65-18) (UK); overseas only Swift code BARC GB22 (GB£ Sterling Account no. 70299332, IBAN GB89BARC20651870299332; US\$ Dollars Account no. 66014600, IBAN GB27BARC20651866014600; EU€ EURO Account no. 78923655, IBAN GB16BARC20651878923655); or by credit card (Mastercard, Visa, Switch or American Express).

British Medical Bulletin is published quarterly (in March, June, September and December) by Oxford University Press, Oxford, UK. This issue: March. Annual subscription price is £503.00/\$1006.00/€754.00.

Reprints and corporate sales

For requests from industry and companies regarding bulk article reprints, sponsored subscriptions, translation opportunities for previously published material, and corporate online opportunities, please email special.sales@oup.com, fax +44 (0)1865 353774 or visit <http://www.oupmediainfo.com/#/>.

DOIs

For information about DOIs and to resolve them, please visit <http://dx.doi.org>

Permissions

For information on how to request permissions to reproduce articles/information from this journal, please visit https://academic.oup.com/journals/pages/access_purchase/rights_and_permissions.

Advertising

Advertising and artwork enquiries should be addressed to Advertising and Special Sales, Oxford Journals, Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. Tel: +44 (0) 1865 354767; Fax: +44 (0) 1865 353774; E-mail: jnlsadvertising@oup.com.

Drug disclaimer

The mention of trade names, commercial products or organizations, and the inclusion of advertisements in the journal does not imply endorsement by the *British Medical Bulletin*, the editors, the editorial board, Oxford University Press or the organization to which the authors are affiliated. The editors and publishers have taken all reasonable precautions to verify drug names and doses, the results of experimental work and clinical findings published in the journal. The ultimate responsibility for the use and dosage of drugs mentioned in the journal and in interpretation of published material lies with the medical practitioner, and the editors and publishers cannot accept liability for damages arising from any errors or omissions in the journal. Please inform the editors of any errors.

Disclaimer

Statements of fact and opinion in the articles in *British Medical Bulletin* are those of the respective authors and do not necessarily reflect those of the editors, the editorial board, Oxford University Press or the organization to which the authors are affiliated. Neither Oxford University Press nor the *British Medical Bulletin* make any representation, express or implied, in respect of the accuracy of the material in this journal and cannot accept any legal responsibility or liability for any errors or omissions that may be made. The reader should make his/her own evaluation as to the appropriateness or otherwise of any experimental technique described.

© Oxford University Press 2021

All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior written permission of the Publishers, or a licence permitting restricted copying issued in the UK by the Copyright Licensing Agency Ltd, 90 Tottenham Court Road, London W1P 9HE.

Typeset by SPi Global, Manila, Philippines, Printed by Bell & Bain, UK