Aims and Scope

The British Journal of Cancer will accept papers which contain new information, constitute a distinct contribution to knowledge, and are relevant to the clinical, epidemiological, pathological or molecular aspects of oncology.

The Journal is published monthly on behalf of the Cancer Research Campaign by the Scientific and Medical Division, The Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS. Telephone: Basingstoke (0256) 29242.

Copyright © 1983 by Cancer Research Campaign. ISSN 0007-0920

Manuscripts plus two copies and all editorial correspondence should be sent to the Editor: Dr. Michael Moore, Paterson Laboratories, Christie Hospital and Holt Radium Institute, Manchester M20 9BX.

Annual subscription: UK £99; USA & Canada $240, Airmail $285; Rest of World £124, Airmail £160; (or equivalent in any other currency). Orders must be accompanied by remittance. Cheques should be made payable to Macmillan Journals Ltd. and sent to Subscription Department, Brunel Road, Basingstoke, Hampshire, RG21 2XS. Where appropriate, subscribers may make payments into UK Post Office Giro Account No. 519 2455. Full details must accompany the payment.

Second class postage permit USPS 689–430.

Enquiries concerning advertising space or rates should be addressed to: Advertising Department, British Journal of Cancer, Houndmills, Basingstoke, Hampshire RG21 2XS. Telephone: (0256) 29242.

Printed in Great Britain by Bell and Bain Ltd., Glasgow.

All rights of reproduction are reserved in respect of all papers, articles, illustrations, etc., published in this journal in all countries of the world.

Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by The Macmillan Press Ltd for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $01.00 per copy, plus 0.10 per page is paid directly to CCC, 21 Congress St., Salem, MA 01970, USA.

0007-0920/83 $1.00 + 0.10

Publisher: Harry Holt

Production & Editorial Services: David Ashcroft
Advertising & Promotion Manager: David Guthrie
Circulation Manager: Nobby Clark

Whilst every effort is made by the publishers and editorial board to see that no inaccurate or misleading data, opinion or statement appears in this Journal, they wish to make it clear that the data and opinions appearing in the articles and advertisements herein are the responsibility of the contributor or advertiser concerned. Accordingly, the publishers and the editorial committee and their respective employees, officers and agents accept no liability whatsoever for the consequences of any such inaccurate or misleading data, opinion or statement. Whilst every effort is made to ensure that drug doses and other quantities are presented accurately, readers are advised that new methods and techniques involving drug usage, and described within this Journal, should only be followed in conjunction with the drug manufacturer’s own published literature.
FORTHCOMING PAPERS IN THE NOVEMBER ISSUE
OF THE BRITISH JOURNAL OF CANCER

Volume 48, No. 5 November 1983

HEUCH, I., KVALE, G., JACOBSEN, B.K. AND BJELKE, E. Use of alcohol, tobacco and coffee and risk of pancreatic cancer.
GLAVES, D. Correlation between circulating cancer cells and incidence of metastases.
HAMBURGER, A.W., WHITE, C.P. AND DUNN, F.E. Modulation of tumour colony growth by irradiated accessory cells.
TSAO, S.W., BURMAN, J.F., PITTM, M.R. AND CARTER, R.L. Further observations on mechanisms of bone destruction by squamous carcinomas of the head and neck.
McDERMOTT, B.J., VAN DEN BERG, H.W., MARTIN, W.M.C. AND MURPHY, R.F. Pharmacokinetic rationale for the interaction of 5-fluorouracil and misonidazole in humans.
WAGNER, M.M.F., DARKE, C., COLES, R.M. AND EVANS, C.C. HLA-A and B antigen frequencies and mesothelioma in relation to asbestos exposure.
DOUBLE, J.A. AND BIBBY, M.C. Characterisation and chemosensitivity of a well-differentiated murine transplantable adenocarcinoma of the colon.
Notice to Contributors

Manuscripts should be sent in triplicate (original plus two copies) to the Editor, Dr. Michael Moore. The criteria for acceptance of manuscripts to be published in the British Journal of Cancer are originality and high scientific quality. Manuscripts are accepted on the understanding that they report unpublished work that is not under consideration for publication elsewhere, that all named authors have agreed to its submission and that if accepted it will not be published in the same form, in any language, without the consent of the Publishers. Papers should be in English. Authors whose mother-tongue is not English are urgently requested to have their manuscripts checked for linguistic correctness before submission.

Manuscripts should be typewritten, double-spaced with a wide margin and on one side of the paper only. They should be accompanied by a title page numbered as I, bearing title, authors full names, affiliation and addresses; and a summary of not more than 200 words. The author to whom correspondence, proofs and reprint requests are to be sent should be clearly indicated.

Full papers should be divided into sections:
1. Introduction
2. Materials and methods
3. Results
4. Discussion
5. Acknowledgements and References.

Short Communications (~1500 words) should not have the above section headings nor a summary.

The Editor reserves the right to make literary corrections.

Titles. These are the most read part of papers. Authors should compose them with great care. They should combine brevity with clarity; the shorter the better, not exceeding 100 letters. Authors should submit their own running title, which must not exceed 50 letters. The top of each page should carry the running title and the name of the first author.

Illustrations should be referred to in the text as “Figures” and be given Arabic numbers. They should be marked on the back with the authors name(s) and the title of the paper. Where there is any possible doubt as to the orientation of an illustration, the top should be indicated by an arrow. Photographs and photomicrographs should be high-quality unmounted glossy prints and should not be retouched. Magnification is best indicated by a line representing a defined length, included within the photograph. Colour illustrations will be accepted when found necessary by the Editor, although the author will be expected to contribute to the cost. Diagrams should be on separate sheets; they must be drawn with black Indian ink on white paper or feint-ruled graph paper and should be about twice the size of the final reproduction. Lines should be of sufficient thickness to stand reduction. Photocopies are unacceptable. Each illustration should be clearly described by a legend; all legends should be grouped on a separate sheet of paper. Lettering on figures should be minimal and should not duplicate the legend.

There should be as few Tables as possible; they should have a title and include only essential data; they should be typewritten on separate sheets and given Roman numbers.

References. Only papers closely related to the author’s work should be quoted, and these should be to original papers only. Exhaustive lists should be avoided. References in the text should be made by giving the author’s surname, with the year of publication in brackets. When the reference is to a specific part of a book, the page number should also be cited. When reference is made to a work by 3 or more authors, the first name followed by et al. should be used on all occasions. If several papers by the same first author and from the same year are cited, a, b, c, etc. should be added after the year of publication. It is the author's responsibility to check the accuracy of all references before submitting a manuscript. References should be brought together at the end of the paper in alphabetical order, where titles of papers and all authors’ names should be given in full (except if there are more than 6 authors, when the first 3 names should be followed by “and others”, x being the actual number). Names of journals should be abbreviated as in the Index Medicus, but with full stops after abbreviations (and after authors’ initials), followed by the volume number and the page number, e.g.: MCLEAN, M.J., DOMBROSKE, S.E., PIENKOWSKI, M.M. & 5 others (1978). Successful transplantation of human benign breast tumours into the athymic nude mouse and demonstration of enhanced DNA synthesis by human placental lactogen. Cancer Res., 38, 2243.

References to books and monographs should appear as in the following examples:

Abbreviations and units should follow the standards laid down in Units, Symbols and Abbreviations published by the Royal Society of Medicine (third edition, 1977).

Offprints may be ordered on the form accompanying proofs; 25 will be supplied free of charge.

*Editorial correspondence should be addressed to the Editor, Dr Michael Moore, Paterson Laboratories, Christie Hospital and Holt Radium Institute, Manchester M20 9BX.

†Citation of Conference Proceeding or Meetings Abstracts should be avoided unless there is no other reference.
NEW BOOKS

PHARMACOLOGY
CHEMOTHERAPEUTIC STRATEGY
Edited by D.I. Edwards and D.R. Hiscock
May 1983; £25; 240 pp; ISBN 0 333 34318 2

ANIMALS IN SCIENTIFIC RESEARCH: AN EFFECTIVE SUBSTITUTE FOR MAN?
Edited by P. Turner
May 1983; £35; 228 pp; ISBN 0 333 33628 3

CLINICAL PHARMACOLOGY IN PSYCHIATRY: BRIDGING THE EXPERIMENTAL THERAPEUTIC GAP
November 1983; c£45; c£500 pp; ISBN 0 333 34724 2

FRONTIERS IN NEUROPSYCHIATRIC RESEARCH
Edited by E. Uadin, M. Goldstein, A.J. Friedhoff and A. Georgotas
November 1983; c£45; c£500 pp; ISBN 0 333 34744 7

EXCITOTOXINS: VOL 39 IN THE WENNER-GREN INTERNATIONAL SYMPOSIUM SERIES
Edited by K. Fuxe, P. Roberts and R. Schwarcz
September 1983; c£40; 390 pp; ISBN 0 333 36152 0

PHARMACOLOGY OF BENZODIAZEPINES
Edited by E. Uadin, P. Skolnick, J.F. Tallman Jr., D. Greenblatt and S. Paul
November 1982; £48; 680 pp; ISBN 0 333 34024 8

PRESSURE SORES: PREVENTION AND TREATMENT
Edited by J.C. Barbenel, C.D. Forbes and G.D.O. Lowe
February 1983; £35; 224 pp; ISBN 0 333 31889 7

COMPUTED TOMOGRAPHY OF THE BODY: A RADIOLOGICAL AND CLINICAL APPROACH
Edited by J.E. Husband and I. Kelsey-Fry
September 1983; £15; 224 pp; ISBN 0 333 25585 2 – Paperback

PREGNANCY CARE FOR THE 1980’s
Edited by L. Zander and G. Chamberlain
Published in conjunction with the Royal Society of Medicine
December 1983; c£20 pp; £20 Hardcover ISBN 0 333 33345 4
£9.95 Paperback ISBN 0 333 33346 2

TOPICS IN MOLECULAR AND STRUCTURAL BIOLOGY SERIES
Series Editors S. Neidle, W. Fuller and A. Atkinson

VOLUME 3: MOLECULAR ASPECTS OF ANTI-CANCER DRUG ACTION
Edited by S. Neidle and M.J. Waring
October 1983; £45; c£432 pp; ISBN 0 333 31556 1

VOLUME 4: BIOMEMBRANE STRUCTURE AND FUNCTION
Edited by D. Chapman
October 1983; £45; c£400 pp; ISBN 0 333 31869 2

THE TRANSFORMATION OF THE WORLD SERIES
Series Editor A. Abdel-Malek

CULTURE AND THOUGHT
Edited by Anisuzzaman and A. Abdel-Malek
October 1983; £10; 136 pp; ISBN 0 333 34655 6

Please send orders or requests for information to Carolyn Leuw
Product Manager, Scientific and Medical Division, The Macmillan Press Ltd.,
4, Little Essex Street, London WC2R 3LF, UK

MACMILLAN PRESS LTD
NOW: Expanded to accommodate the increasing amount of vital information in the field—

CANCER GENETICS AND CYTOGENETICS

The enormous amount of research data currently being generated in the fields of cancer genetics and cytogenetics has made it necessary to expand this internationally acclaimed journal to a monthly format.

Cancer Genetics and Cytogenetics brings you outstanding original articles on human, animal, molecular, population, and biomedical genetics and cytogenetics as they relate to the broad fields of cancer. In addition, editorial board members submit review articles of general interest in their respective fields, making Cancer Genetics and Cytogenetics the single source for a large multidisciplinary audience.

Now more than ever, this is the easy and convenient way to keep abreast of the latest developments in this fast-growing field, without having to sift through dozens of different journals.

1983 Subscription Information
Volumes 8-10 (12 issues). $276.00

Some important papers to be published in 1983:

Henry T. Lynch, Ramon M. Fusaro, B. Shannon Danes, William J. Kimberling, and Jane F. Lynch
A Review of Hereditary Malignant Melanoma Including Biomarkers in Familial Atypical Multiple Mole Melanoma Syndrome

J. A. Rey, J. M. Bello, C. Ramos, J. Benitez, and J. M. Muela
Serial Cytogenetic Study of a Human GiIoma Cell Line

R. NeI Schimke, Coleen M. Madigan, Bradd J. Silver, Carol J. Fabian, and Ronald L. Stephens
Choriocarcinoma, Thyrotoxicosis, and the Kleneferter Syndrome

Frederick Hecht, Carol Berger, Barbara Kaiser-McCaw, Hecht, and Burton L. Speiser

Fibrosar Histoyctoma Cell Line: Chromosome Studies of Mouse and Man
Leva Theran, Gloria E. Sarto, and Doiiores A. Buchler
The Structure and Origin of Giant Nuclei in Human Cancer Cells
Herman Van Den Berghe, Kristina Vermaelen, Angelina Broeckaert-Van Orshoven, Marie-Jeanne Delbeke, Yves Benoist, Edward Orve, Maurice Van Eygen, and Roel Logghe
Pentosan 25 Characterizing Spontaneously Regressing Congenital Acute Leukemia
Arleen E. Auerbach, Barbara Adler, Richard J. O'Reilly, Dahlia Kirkpatrick, and R. S. K. Chopra

Effect of Procarbazine and Cyclophosphamide on Chromosome Breakage in Fanconi Anemia Cells: Relevance to Bone Marrow Transplantation
Ingrid Nordenson, Per Lenner, and Goran Roos
Patient with B-Cell Neoplasia (Immunoblastic Sarcoma) and the Philadelphia Chromosome
Kiyomi Yamada, Eiji Sugimoto, Masami Kiyama, Yukio Imamura, Tatsumi Kubota, and Hisao Matsumoto
Two Cases of Acute Promyelocytic Leukemia with Variant Translocations: The Importance of Chromosome No. 17 Abnormality
M. P. Marx, S. Smith, A. D. P. Heyns, and I. Z. Van Tonder
Fanconi's Anemia: Cytogenetic Study on Lymphocyte and Bone Marrow Cultures Utilizing 1,2,3,4-Diethyoxbutane
Abstracted/Indexed In: Biological Abstracts, Biosciences Information Service, Current Contents (Life Sciences), Excerpta Medica, Index Medicus, and Oncology Information Service.

Order Form

Cancer Genetics and Cytogenetics
Volumes 8-10 (12 issues). 1983: $276.00

[ ] Please enter my subscription
For air delivery in the U.S. and Canada add $38.00. Subscribers outside the U.S. should add: $16.00 for surface delivery, $48.00 for air delivery to Europe and Mexico, and $66.00 for air delivery to the rest of the world.

All subscriptions begin with the first issue of the calendar year.
Subscription rates valid through December 31, 1983.
[ ] Please send me a free sample copy
[ ] Please send information on ordering back volumes

Enclosed is my:
[ ] personal check
[ ] bank draft
[ ] UNESCO coupons

Send sample copy requests to:
In North and South America
Attn. Journals Fulfillment Dept.
Elsevier Science Publishing Co. Inc.
P.O. Box 1663/Grand Central Station/New York, NY 10163

[ ] Please bill me.

Please charge to:
[ ] American Express
[ ] VISA
[ ] MasterCard/Access/Eurocard (issuing bank # __________)

Account # ________________________________
Expiry ________________________________
Signature ________________________________

Name __________________________________
Address __________________________________

In the rest of the world
Elsevier Science Publishers/Direct Mail Department
P.O. Box 211/1100 AE Amsterdam/The Netherlands

Note: All subscription orders should be sent either to your usual supplier or to the New York address.
Carcinogenesis

One of the foremost journals for all aspects of research which will lead ultimately to the prevention of cancer

- Manuscripts typeset and published within 9 weeks of acceptance
- Large American quarto format
- No page charges
- Half-price personal subscriptions
- Listed in Current Contents/Life Sciences

Carcinogenesis is a multi-disciplinary journal which provides rapid publication for full papers and short communications in the areas of viral, physical and chemical carcinogenesis and mutagenesis; factors modifying these processes such as DNA repair, genetics, and nutrition; metabolism of carcinogens; the mechanism of action of carcinogens and promoting agents; epidemiological studies, and the formation, detection, identification and quantification of environmental carcinogens.

'Most of the contributions are from leaders in the field'. Nature, 1981.

A free sample copy, containing full 'notes for contributors', is available on request.

Executive Editors:
A. Dipple NCI-FRCF, Frederick, Maryland, USA
R.C. Garner, Cancer Research Unit, University of York, England

Editorial Board
J. Asby, ICI, Macclesfield, UK/H. Bartsch, Lyon, France/B.A. Bridges, Sussex, UK/
E. Farber, Toronto, Canada/R.V. Gilden, Frederick, USA/C.C. Harris, Bethesda, USA/
D. Hoffman, Valhalla, USA/P.T. Iype, Frederick, USA/F.F. Kadjubar, Jefferson, USA/
P. Kleihues, Freiburg, FRG/G. Klein, Stockholm, Sweden/T. Kuroki, Tokyo, Japan/
P.D. Lawley, Chalfont St. Giles, UK/M.W. Lieberman, St. Louis, USA/J.R. Lindsay Smith,
York, UK/H.W.J. Marquardt, Hamburg, FRG/C.N. Martin, York, UK/E. Oesch, Mainz, FRG/
L. Santi, Genoa, Italy/J.K. Selkirk, Oak Ridge, USA/F.J. de Serres, Research Triangle Park,
USA/K.C. Smith, Stanford, USA/J/A. Styles, ICI, Macclesfield, UK/J. Sugár, Budapest, Hungary/
T. Sugimura, Tokyo, Japan/J.E. Trosko, East Lansing, USA/V. Turusov, Moscow, USSR/
J.H. Weisburger, Valhalla, USA/G.N. Wogan, Cambridge, USA

Subscription rates for Volume 4 (12 issues in 1983): libraries £100.00/US$225.00;
individuals whose library subscribes £50.00/US$112.00; US$ price valid in Canada and the
Americas. Pound Sterling (£) definitive elsewhere

IRL Press, PO Box 1, Eynsham, Oxford OX8 1JJ, UK
IRL Press, Suite 907, 1911 Jefferson Davis Highway, Arlington VA 22202, USA