

Articles	N-Myc Downstream-Regulated Gene 4 (<i>NDRG4</i>): A Candidate Tumor Suppressor Gene and Potential Biomarker for Colorectal Cancer , V. Melotte, M.H.F.M. Lentjes, et al.	916
	Editorial: Are We Getting Closer to Molecular Population Screening for Colorectal Cancer? G. Rennert	902
	Increased Risk of Stroke and Transient Ischemic Attack in 5-Year Survivors of Hodgkin Lymphoma , M.L. De Bruin, L.D.A. Dorresteijn, et al.	928
	Editorial: Late Effects From Radiation Therapy: The Hits Just Keep on Coming , D.L. Longo	904
	Clinical Factors Associated With Merkel Cell Polyomavirus Infection in Merkel Cell Carcinoma , H. Sihto, H. Kukko, et al.	938
	Editorial: Does Detection of Merkel Cell Polyomavirus in Merkel Cell Carcinoma Provide Prognostic Information? J.A. DeCaprio	905
	Long-Term Outcomes Among Adult Survivors of Childhood Central Nervous System Malignancies in the Childhood Cancer Survivor Study , G.T. Armstrong, Q. Liu, et al.	946
	Value of Adding Single-Nucleotide Polymorphism Genotypes to a Breast Cancer Risk Model , M.H. Gail	959
News	Pediatric Brain Tumor Survivors, Physicians, and Researchers Face Long-Term Challenges , R. Twombly	908
	Stat Bite: Trends in U.S. Childhood Cancer Survival (1975–2004)	909
	Testing for Carcinogens: Shift From Animals to Automation Gathers Steam—Slowly , C. Schmidt	910
	Invitation or Summons? UK Debate Surrounds Messages About Mammography , L. Savage	912
	Does Homeostatic Pressure Explain Tumor Growth? M. Martin	914

Complete contents on page iii

EDITORIAL BOARD

Barnett S. Kramer

Editor-in-Chief

Frederic J. Kaye

Douglas L. Weed

Reviews Editors

Martin L. Brown

Economics Editor

Associate Editors

Adriana Albini

Wendy Atkin

Mariano Barbacid

William J. Blot

Peter M. Blumberg

John D. Boice, Jr.

Louise A. Brinton

George P. Browman

Ethan Dmitrovsky

Ross C. Donehower

Susan S. Ellenberg

Joann G. Elmore

Michele K. Evans

Ellen G. Feigal

Elizabeth Fox

Mitchell H. Gail

Patricia A. Ganz

Ann M. Geiger

Edward L. Giovannucci

Paul A. Godley

John K. Gohagan

Michael M. Gottesman

Peter Greenwald

Kathy J. Helzlsouer

Donald E. Henson

Arti Hurria

John P. Ioannidis

Colin R. Jefcoate

Patrick G. Johnston

Lisa A. Kachnic

Frederic J. Kaye

Bernard Levin

Isra G. Levy

W. Marston Linehan

Marc E. Lippman

Scott M. Lippman

Dan L. Longo

Reuben Lotan

Douglas R. Lowy

María Elena Martínez

J. Gordon McVie

Mads Melbye

Ugo Pastorino

David G. Poplack

Alan S. Rabson

David F. Ransohoff

Harvey A. Risch

Edward A. Sausville

Mark E. Sherman

Robert H. Shoemaker

Richard M. Simon

Ian Tannock

Giovanna Tosato

Sally W. Vernon

K. Robin Yabroff

Regina Ziegler

Statistical Editors

Christopher I. Amos

Janet W. Andersen

Stuart G. Baker

Jacques Benichou

Donald A. Berry

Timothy R. Church

Bernard F. Cole

Kathleen A. Cronin

Susan S. Ellenberg

Ruth Etzioni

Richard Fagerstrom

Mary A. Foulkes

Phyllis Gimotty

Barry I. Graubard

Susan G. Groshen

Michael Hauptmann

Daniel F. Heitjan

Li Hsu

Hormuzd Katki

Marek Kimmell

Victor Kipnis

J. Jack Lee

Martin W. McIntosh

Margaret Pepe

Ruth Pfeiffer

Philip C. Prorok

Philip S. Rosenberg

Larry V. Rubinstein

Mark R. Segal

Richard M. Simon

Donald M. Stablein

Robert E. Tarone

Sholom Wacholder

EDITORIAL ADVISORY BOARD

Hans-Olov Adami

Harry B. Burke

Pelayo Correa

Merrill J. Egorin

Richard Fagerstrom

Soldano Ferrone

Isaiah J. Fidler

Curtis C. Harris

Emily L. Harris

Maureen M. Henderson

Gloria H. Heppner

Allan Hildesheim

Waun Ki Hong

William J. Hoskins

Peter J. Houghton

David H. Johnson

V. Craig Jordan

Ilan R. Kirsch

Kenneth H. Kraemer

Alexandra M. Levine

Martha S. Linet

Henry T. Lynch

Pamela M. Marcus

Frank L. Meyskens

Anthony B. Miller

Malcolm S. Mitchell

David L. Page

Kenneth J. Pienta

David Schottenfeld

Richard K. Severson

Jerry W. Shay

Debra T. Silverman

Sandra M. Swain

G. Marie Swanson

Mario Sznol

Raymond Taetle

EDITORIAL STAFF

Scientific Managing Editor

Jeanine Botos

Senior Editors

Mark Geanacopoulos

Ann F. Pluta

Janet Morgan Ross

Susan L. Spence

Editorial Coordinator

Meredith Abel

Editorial Assistant

Mark Miller

Production Editors

Caitlyn M. Haase

Cindy Gross

NEWS STAFF

Editor

Caroline McNeil

Assistant News and

Media Editor

Stephen Graff

Contributing

Correspondents

Vicki Brower

Karen Rowan

Ken Garber

Karyn Hede

Nancy Nelson

Charles Schmidt

Gunjan Sinha

Rabiya Tuma

Renee Twombly

Brian Vastag

The *Journal of the National Cancer Institute* is a forum for news, information, and ideas related to cancer research, treatment, prevention, and control. Accordingly, all articles and items published in the Journal are signed and, unless otherwise stated, reflect the individual views of the authors and not necessarily the official points of view held by the National Cancer Institute, any other component of the U.S. government, the editors, the editorial board, Oxford University Press, or the organizations with which the authors are affiliated. The mention of trade names, commercial products, or organizations does not imply endorsement by the National Cancer Institute, any other component of the U.S. government, the editors, the editorial board, Oxford University Press, or the organizations with 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.

The *Journal of the National Cancer Institute* (ISSN 0027-8874) is published 24 times a year, twice a month, in Jan., Feb., Mar., Apr., May, Jun., Jul., Aug., Sep., Oct., Nov., and Dec., by, and is owned by, Oxford University Press, 2001 Evans Road, Cary, NC 27513-2009. Periodicals Postage Paid at Cary, NC, and additional mailing offices. Postmaster: Send address changes to *Journal of the National Cancer Institute*, Journals Customer Service Department, Oxford University Press, 2001 Evans Road, Cary, NC 27513-2009. *Journal of the National Cancer Institute* is registered in the U.S. Patent and Trademark Office.

© 2009 by Oxford University Press.

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 publisher or a license permitting restricted copying issued in the UK by the Copyright Licensing Agency Ltd., 90 Tottenham Court Road, London W1P 9HE, or in the USA by the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

Subscriptions. A subscription to the *Journal of the National Cancer Institute* comprises 24 issues. Prices include postage; for subscribers outside the Americas, issues are sent air freight. Air-mail rates are available on request.

The annual rates (Volume 101, 2009) for institutions are as follows. *Journal of the National Cancer Institute* print (ISSN: 0027-8874) and JNCI online (ISSN: 1460-2105): UK £523, Europe €785, North America and rest of world \$785; online access only: UK £429, Europe €644, North America and rest of world \$644.

The annual rates for individuals are as follows. JNCI print edition: UK £350, Europe €525, North America and rest of world \$525. JNCI online only: UK £274, Europe €411, North America and rest of world \$411.

There are other subscription rates available; for a complete listing, please visit <http://jnci.oxfordjournals.org>. Full prepayment in the correct currency is required for all orders. Orders are regarded as firm, and payments are not refundable.

Subscriptions are accepted for complete volumes only. Orders are regarded as firm, and payments are not refundable. Our prices include Standard Air as postage outside of the UK. Claims must be notified within four months of despatch/order date (whichever is later). Subscriptions in the EEC 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. Subscribers in Canada, please add GST to the prices quoted. Personal rate subscriptions are only available if payment is made by personal cheque or credit card, delivery is to a private address, and is for personal use only. 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. E-mail: psc@periodicals.com. Tel: 518-537-4700. Fax: 518-537-5899.

Contact information: Journals Customer Service Department, Oxford University Press, Great Clarendon Street, Oxford OX2 6DP, UK. E-mail: jnls.cust.serv@oxfordjournals.org. Tel: +44 (0)1865 353907. Fax: +44 (0)1865 353485.

In the Americas, please contact: Journals Customer Service Department, Oxford University Press, 2001 Evans Road, Cary, NC 27513, USA. E-mail: jnlorders@oxfordjournals.org. Tel: 800-852-7323 (toll-free in USA/Canada) or 919-677-0977. Fax: 919-677-1714. **In Japan, please contact:** Journals Customer Service Department, Oxford University Press, 4-5-10-8F Shiba, Minato-ku, Tokyo, 108-8386, Japan. E-mail: custserv.jp@oxfordjournals.org. Tel: +81 3 5444 5858. Fax: +81 3 3454 2929.

Oxford Journals Environmental and Ethical Policies. Oxford Journals is committed to working with the global community to bring the highest quality research to the widest possible audience. Oxford Journals will protect the environment by implementing environmentally friendly policies and practices wherever possible. Please see <http://www.oxfordjournals.org/ethicalpolicies.html> for further information on Oxford Journals' environmental and ethical policies.

Digital Object Identifiers. For information on DOIs and to resolve them, please visit www.doi.org.

Permissions. For information on how to request permissions to reproduce articles or information from this journal, please visit www.oxfordjournals.org/corporate_services/index.html.

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 e-mail special.sales@oxfordjournals.org, fax +44 (0)1865 353774, or visit www.oxfordjournals.org/corporate_services/index.html.

Indexing and Abstracting. The *Journal of the National Cancer Institute* is indexed and abstracted by the following: Biological Abstracts, Cambridge Scientific Abstracts, CINAHL Information Systems, Current Awareness in Biological Sciences, Excerpta Medica, Index Medicus, Institute for Scientific Information, Sociedad Iberoamericana de Información Científica (SILC) Data Bases, and Statistical Reference Index.

Advertising. Inquiries about advertising, inserts, and artwork 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@oxfordjournals.org). Information about rates and size requirements is available on the JNCI Web site, <http://jnci.oxfordjournals.org>.

Manuscript Submission. Authors submitting manuscripts (including letters to the editor) are urged to read "Information for Authors" on the Journal's Web site, <http://jnci.oxfordjournals.org>. Manuscripts will be rejected, delayed, or returned if requirements are not met. Manuscripts should be submitted online. Contact information for the editorial office: *Journal of the National Cancer Institute*, Oxford University Press, Suite 500, 8120 Woodmont Ave., Bethesda, MD 20814-2743 (telephone: 301-841-1270; fax: 301-841-1299, e-mail: jncimanuscripts@oxfordjournals.org).

News Section. Items for the "Awards, Appointments, Announcements" column of the News, questions about previously published items, and suggestions for News stories should be sent to: News Department, Oxford University Press, Suite 500, 8120 Woodmont Ave., Bethesda, MD 20814-2743 (telephone: 301-841-1287; fax: 301-841-1297; e-mail: jncimedia@oxfordjournals.org).

Press Inquiries. Press inquiries should be directed to the News Department (telephone: 301-841-1287; e-mail: jncimedia@oxfordjournals.org).