Clinical Cancer Research

An Official Journal of the American Association for Cancer Research

American Association for Cancer Research, Inc.
Executive Director and Director of Publications
Margaret Foti

Publications Staff
Associate Director of Publications
Mary Anne Mennite
Manager, Editorial Services
Heide M. Pusztay
Staff Editors
Lisa A. Chippendale
Pamela M. Grebow
Michael J. Beveridge
Kathleen C. Assenmacher
Supervisor, Manuscript Processing
Margaret A. Pickels
Assistant Supervisor, Manuscript Processing
Theresa A. Griffith
Staff Assistant
Mary Ellen Pirring
Editorial Assistants
Valerie L. Taylor
Andrea Conrad
Katherine V. Pawlowski

Administrative Staff
Director of Administration
Adam D. Blistein
Controller
Joan D. Brokenshire
Coordinator, Financial Operations
George L. Moore
Meetings Coordinator
Jeffrey M. Ruben
Meeting Planner
Carole L. Kanoff
Public Information Coordinator
Jenny Anne Horst-Martz
Executive Assistant for Programs
Ruth E. Fortson
Administrative Assistant
Robin E. Felder
Systems Specialist
Lydia I. Rodriguez
Staff Assistant
Lori L. Holmes
Secretary
Malika L. Wright
Editorial Secretary
Diana F. Certo
Financial Clerk
Paul Perrault
Office Clerk
James J. Waters
Data Entry Clerk
Robert A. Simms II

AACR Publications Department
Public Ledger Building, Suite 816
150 South Independence Mall West
Philadelphia, PA 19106-3483
Phone: (215) 440-9300;
FAX: (215) 440-9354

Editor-in-Chief
John Mendelsohn

Associate Editors
Martin D. Abeloff
David S. Alberts
Colin B. Begg
Joseph R. Bertino
Clara D. Bloomfield
George J. Bosl
Michaele C. Christian
Patricia Donahoe
Robert M. Elashoff
Isaiah J. Fidler
Stephen H. Friend
Philip D. Greenberg
Waun Ki Hong
Daniel C. Ihde
Lance A. Liotta
Marc E. Lippman
Michael T. Lotze
John D. Minna
Sharon B. Murphy
Richard J. O'Reilly
Ira Pastan
Herbert M. Pinedo
Jerome Ritz
Richard L. Schilsky
David Sidransky
Paul Sondel
Michael B. Sporn
Louise C. Strong
Jeffrey M. Trent
Daniel D. Von Hoff
Jane Weeks
Ralph R. Weichselbaum

Editorial Advisory Board
Carmen J. Allegra
James O. Armitage
Laurence H. Baker
Charles M. Balch
Barthel Barlogie
Robert C. Bast, Jr.
Ronald H. Blum
Paul A. Bunn, Jr.
Michael A. Caligiuri
Alfred E. Chang
Bruce D. Cheson
Curt I. Civin
William S. Dalton
Albert B. Deisseroth
Ross C. Donehower
Timothy J. Eberlein
Merrill J. Egorin
Frederick R. Eilber
Paul F. Engstrom
Richard M. Fox
Michael A. Friedman
Zvi Y. Fuks
Stephen L. George
Giuseppe Giaccone
Luca Gianni
Anna Giuliano
Eli Glatstein
David W. Golde
Mark R. Green
Jerome E. Groopman
William N. Hait
Adrian L. Harris
Sandra J. Horning
William J. Hoskins
Janet A. Houghton
Stephen B. Howell
John T. Isaacs
Robert B. Jenkins
David H. Johnson
V. Craig Jordan
Barton A. Kamen
Michael B. Kastan
S. B. Kaye
David P. Kelsen
David Khayat
John M. Kirkwood
Donald W. Kufe
Steven M. Larson
John S. Lazo
Victor A. Levin
Allen Lichter
Patrick J. Loehrer, Sr.
Dan L. Longo
Maurie Markman
William P. McGuire III
Roland Mertelsmann
Frank L. Meyskens, Jr.
Monica Morrow
James L. Mulshine
Charles E. Myers
Larry Norton
Robert F. Ozols
William P. Peters
Philip A. Pizzo
William K. Plunkett
Jerome B. Posner
Derek Raghavan
Mark J. Ratain
John C. Reed
Ralph A. Reisfeld
Jack A. Roth
Eric B. Rowinsky
Edward A. Sausville
Howard I. Scher
Richard M. Simon
John F. Smyth
Jeffrey A. Sosman
David R. Spriggs
Masaaki Terada
Theresa L. Whiteside
Leonard A. Zwelling

James Batule
Editorial Assistant
Office of the
Editor-in-Chief

Clinical Cancer Research is published monthly, one volume per year, by the American Association for Cancer Research, Inc. (AACR). Except for members of the AACR, all subscriptions are payable in advance to ***Clinical Cancer Research,*** P.O. Box 3000, Denville, NJ 07834 [Telephone: (800) 875-2997; FAX: (201) 627-5872], to which all business communications, remittances (in United States currency or its equivalent), and subscription orders should be sent. In Japan, send orders and inquiries to (sole agent): USACO Corporation, Tsutsumi Bldg., 13-12, Shimbashi 1-chome, Minato-ku, Tokyo 105, Japan; Tel. (03) 502-6471. Individuals who are not AACR members may subscribe to Volume 1 (1995) of ***Clinical Cancer Research*** at the rate of $95 U.S./$115 foreign. ***Clinical Cancer Research*** is only available to institutions as a combined subscription with ***Cancer Research***. The combined 1995 institutional subscription price of $495 U.S./$575 foreign includes $65 for a subscription to ***Clinical Cancer Research***. Canadian subscribers should add 7% GST. Changes of address notification should be sent 60 days in advance and include both old and new addresses. Member subscribers should send address changes to: AACR Member Services, Public Ledger Bldg., Suite 816, 150 South Independence Mall West, Philadelphia, PA 19106-3483. Nonmember subscribers should send changes of address to: ***Clinical Cancer Research,*** P.O. Box 3000, Denville, NJ 07834. Copies of the journal which are undeliverable because of address changes will be destroyed. Accelerated mailing of journals to AACR members in Japan is supported by a generous grant from the Banyu Pharmaceutical Company.

712K-24N-K7T7