

Cancer Research

Editor SIDNEY WEINHOUSE
Managing Editor MARGARET FOTI
Cover Editor MICHAEL B. SHIMKIN

Editorial Assistants

PATRICIA A. BERGBAUER
MARSHA R. BLOOM
EDITH M. BALLOU

JAY VAN WAGENEN
JOANNE M. PAJKURIC

Associate Editors

Creed W. Abell
Joseph C. Arcos
M. Earl Balis
Renato Baserga
Frederick F. Becker
Howard A. Bern
Joseph R. Bertino
R. K. Boutwell
Harris Busch
Bayard D. Clarkson
Eugene D. Day
Vittorio Defendi
Eugene R. DeSombre
Joseph A. DiPaolo
Gertrude B. Elion
John L. Fahey
Emmanuel Farber
Alexander Fefer
Bernard Fisher
Emil Frei, III
Charlotte Friend
Robert C. Gallo
Harry V. Gelboin
Phil Gold
Sen-Itiroh Hakomori
Leonard Hayflick
Karl E. Hellström
Ronald B. Herberman
Russell Hilf
Erich Hirschberg
Frank M. Huennkens
Robert B. Hurlbert
Charles C. Irving
Irving S. Johnson
Robert F. Kallman

Albert S. Kaplan
Werner H. Kirsten
Saul Kit
Marvin Kuschner
Montague Lane
Frank Lilly
Robert Love
Mortimer L. Mendelsohn
Enrico Mihich
Charles A. Nichol
Alex B. Novikoff
Henry C. Pitot
Keith R. Porter
Fred Rapp
Fred Rosen
Jay S. Roth
Alan C. Sartorelli
Frank M. Schabel, Jr.
Marvin A. Schneiderman
Emma Shelton
Michael B. Shimkin
Hans O. Sjögren
Edward A. Smuckler
Fred L. Snyder
Sam Sorof
Jesse L. Steinfeld
Paul O. P. Ts'o
John E. Ultmann
Arthur C. Upton
Lee W. Wattenberg
George Weber
I. Bernard Weinstein
John H. Weisburger
Gerald N. Wogan
C. Gordon Zubrod

Editorial Advisory Board

Samuel Abraham
Aaron Bendich
L. Lee Bennett, Jr.
Michael J. Brennan
Janet S. Butel
Paul P. Carbone
James E. Cleaver
Allan H. Conney
Clyde J. Dawe
Friedrich Deinhardt
Frederick J. de Serres
Sheldon M. Epstein
Philip Feigelson
James R. Fouts
Joseph F. Fraumeni, Jr.
Emil J. Freireich
John J. Furth
Maurice Green
Olga Greengard
Pietro M. Gullino
Thomas C. Hall
Hidesaburo Hanafusa
Theodore S. Hauschka
Evan M. Hersh
T. C. Hsu
Wolfgang K. Joklik
Elizabeth H. Leduc
Joseph Leighton
Aaron B. Lerner

William Lijinsky
Abraham M. Lilienfeld
Mortimer B. Lipsett
Gerald Litwack
H. George Mandel
Nathan Mantel
Joseph Meites
Joseph L. Melnick
Elizabeth C. Miller
Paul Nettesheim
Warren W. Nichols
Albert H. Owens, Jr.
Joseph S. Pagano
Donald Pinkel
Michael Potter
DeWayne Roberts
Katherine K. Sanford
Gordon H. Sato
Stewart Sell
Herschel Sidransky
H. F. Stich
Osias Stutman
George J. Todaro
Charles W. Todd
Benjamin L. Van Duuren
Eugene J. Van Scott
Leonard Warren
Charity Waymouth
Ernst L. Wynder

Notice to Members of the American Association for Cancer Research

Officers for 1975-1976

President: CHARLOTTE FRIEND, Center of Experimental Cell Biology, Mount Sinai School of Medicine, New York, New York 10029.

Vice President: ELIZABETH C. MILLER, McArdle Laboratory for Cancer Research, Medical Center, University of Wisconsin, Madison, Wisconsin 53706.

Secretary-Treasurer: HUGH J. CREECH, Institute for Cancer Research, 7701 Burholme Avenue, Fox Chase, Philadelphia, Pennsylvania 19111.

The annual dues to active members of the American Association for Cancer Research include a subscription to the Journal **CANCER RESEARCH**. The regular annual subscription price to **CANCER RESEARCH** for members of the Association is \$15.00 per annual volume. Payment of dues and changes of address of members of the Association should be sent promptly to Dr. Crech.

Sponsors

CANCER RESEARCH is sponsored by the American Association for Cancer Research, Inc.; the National Cancer Institute, United States Public Health Service; the American Cancer Society, Inc.; the Damon Runyon-Walter Winchell Cancer Fund; the Jane Coffin Childs Memorial Fund for Medical Research; and the Elsa U. Pardee Foundation.

Notice to General Subscribers

CANCER RESEARCH is published monthly, one volume per year, for Cancer Research, Inc., by The Williams & Wilkins Company, 428 E. Preston St., Baltimore, Maryland 21202. Subscriptions include the Proceedings of the American Association for Cancer Research issued in March of each year. Except for members of the American Association for Cancer Research, all subscriptions are payable in advance to the publisher of the Journal, The Williams & Wilkins Co., to which all business communications, remittances (in United States currency or its equivalent), and subscription orders should be sent. Nonmembers of the American Association for Cancer Research, Inc., may subscribe to the Journal **CANCER RESEARCH** at the rate of \$75.00 per annual volume, including postage. When available, single copies will be sold for \$8.00. Notify the publisher of changes of address 60 days in advance, giving both the old and new addresses. Copies undeliverable because of address changes will be destroyed.

Papers submitted for publication and all other communications for the attention of the Editor should be sent to Dr. Sidney Weinhouse, *Editor*, **CANCER RESEARCH**, Fels Research Institute, Temple University School of Medicine, Philadelphia, Pennsylvania, 19140. Telephone: 215-221-4720. Authors should consult the detailed **INSTRUCTIONS FOR AUTHORS** printed in the January and July issues of the Journal; copies are available upon request.

Back Issues of the Journal

Copies of back stock of the Journal **CANCER RESEARCH** for the two years preceding the current year may be ordered from The Williams & Wilkins Co., address above. When available, earlier issues may be obtained from Walter J. Johnson, Inc., 355 Chestnut Street, Norwood, New Jersey 07648.

Second-class postage paid at Baltimore, Maryland and additional mailing offices

Copyright 1976 by Cancer Research, Inc.