

CANCER RESEARCH

SIDNEY WEINHOUSE, *Editor*

MARGARET FOTI, *Managing Editor*

Editorial Assistants

BARBARA DZIUBAN

PAMELA SONDEREGGER

Associate Editors

RENATO BASERGA
NATHANIEL I. BERLIN
JOHN J. BIESELE
JOSEPH H. BURCHENAL
KELLY H. CLIFTON
ALBERT J. DALTON
EUGENE D. DAY

HARRY V. GELBOIN
ROBERT E. HANDSCHUMACHER
ROBERT B. HURLBERT
ROBERT LOVE
NATHAN MANTEL
JOSEPH L. MELNICK
CHARLES A. NICHOL
PETER C. NOWELL

FRED S. PHILIPS
HENRY C. PITOT
RICHMOND T. PREHN
MICHAEL B. SHIMKIN
JESSE L. STEINFELD
GEORGE WEBER
JOHN H. WEISBURGER
SUMNER WOOD, JR.

Editorial Advisory Board

CREED W. ABELL
SAMUEL ABRAHAM
JOSEPH C. ARCOS
JOHN C. BAILAR, III
W. RAY BRYAN
THELMA B. DUNN
G. H. FRIEDEL
ABRAHAM GOLDIN
THEODORE S. HAUSCHKA
RUSSELL HILF

NATHAN KALISS
MARVIN KUSCHNER
ELIZABETH H. LEDUC
G. A. LEPAGE
HERMANN LISCO
ENRICO MIHICH
DAN H. MOORE
LLOYD J. OLD
HARVEY M. PATT
DAVID P. RALL
HERBERT J. RAPP

JAY S. ROTH
R. WAYNE RUNDLES
ALBERT SEGALOFF
EMMA SHELTON
M. MICHAEL SIGEL
HERMAN D. SUIT
VICTOR A. TRIOLO
EUGENE J. VAN SCOTT
CHARLES E. WENNER
WASLEY D. YUSHOK

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

NOTICE TO MEMBERS OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH

Officers for 1969-1970

President: ABRAHAM CANTAROW, National Cancer Institute, Bethesda, Maryland 20014
Vice President: JAMES F. HOLLAND, Roswell Park Memorial Institute, Buffalo, New York 14203
Secretary-Treasurer: HUGH J. CREECH, Institute for Cancer Research, Fox Chase, Philadelphia, Pennsylvania 19111

The annual dues of active members of the American Association for Cancer Research include a subscription to the journal CANCER RESEARCH. Payment of dues and changes of address of members of the Association should be sent promptly to Dr. Creech.

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, Beury Bldg., 3701 N. Broad St., Philadelphia, Pennsylvania 19140.

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. Subscription rates per annual volume in the United States, its possessions, and Canada, \$25.00; in all other countries, \$27.00. Single copies when available, \$5.00. 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.

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. All earlier issues may be obtained from Walter J. Johnson, Inc., 111 Fifth Ave., New York, New York 10003. Copies of Part 2 (The Cancer Chemotherapy Screening Data Supplements) may be obtained from the Cancer Chemotherapy National Service Center, Bethesda, Maryland 20014.

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

Copyright 1970 by Cancer Research, Inc.