CANCER RESEARCH

HAROLD P. RUSCH, Editor

Associate Editors

JAMES F. HOLLAND  FREDERICK S. PHILIPS
JOSEPH LEITER  MAURICE M. RAPPORT
ELIZABETH C. MILLER  SIDNEY WEINHOUSE

ILSE L. RIEGEL, Managing Editor  ELIZABETH B. EARLEY, Technical Editor

Editorial Advisory Board

D. BERNARD AMOS  R. E. HANDSCHUMACHER  VINCENT E. PRICE
JOHN J. BIESELE  W. E. HESTON  KATHERINE SANFORD
R. K. BOUTWELL  T. C. HSU  FRANK M. SCHABEI, JR.
HARRIS BUSCH  SAUL KIT  ROBERT L. STRAUBE
EMMANUEL FARBER  NATHAN MANTEL  H. EARLE SWIM
G. E. FOLEY  CHARLES A. NICHOL  ALBERT TANNENBAUM
JACOB FURTH  ALEX B. NOVIKOFF  ARTHUR C. UPTON
ALFRED GELLHORN  HANS POPPER  JOHN H. WEISBURGER
ABRAHAM GOLDIN  DAVID PRESSMAN  RICHARD J. WINKLER

This journal is sponsored by The American Association for Cancer Research, Inc.; The Anna Fuller Fund; 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 1962-63

President: ALFRED GELLHORN, College of Physicians and Surgeons, Columbia Univ., New York, N.Y.
Vice-President: ARTHUR C. UPTON, Oak Ridge National Laboratory, Oak Ridge, Tenn.

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 for recording in the files of the Association and also to insure receipt of the Journal.

CANCER RESEARCH is published monthly (except April) for Cancer Research, Inc., by the University of Chicago Press, 5750 Ellis Avenue, Chicago 37, Illinois. Subscriptions are payable in advance. Subscriptions include Proceedings of American Association for Cancer Research, published in March or April each year. Subscription rates in U.S.A. and possessions: 1 year, $15.00; 2 years, $30.00; 3 years, $45.00. Canada and Pan American Postal Union: 1 year, $15.50; 2 years, $31.00; 3 years, $46.50. All other countries: 1 year, $16.00; 2 years, $32.00; 3 years, $48.00. Single copies: $2.50. Subscriptions will be entered to start with the first issue published after order is received.

Business communications, remittances (in United States currency or its equivalent), and subscriptions should be addressed to THE UNIVERSITY OF CHICAGO PRESS, 5750 Ellis Avenue, Chicago 37, Illinois. All other communications should be addressed to HAROLD P. RUSCH, M.D., McArdle Memorial Laboratory, University of Wisconsin, Madison 6, Wisconsin.

Claims for missing numbers should be made within the month following the regular month of publication. The publishers expect to supply missing numbers free only when losses have been sustained in transit and when the reserve stock will permit.

No responsibility is accepted by the Editors, by Cancer Research, Inc., or by the publishers of CANCER RESEARCH for opinions expressed by contributors.

Notice to Subscribers: changes of address should be reported to the publisher and local postmaster immediately. All changes of address should provide both the old and the new address. Allow four weeks for the change.

Second-class postage paid at Chicago, Illinois.

Copyright 1963 by Cancer Research, Inc.