

## CANCER RESEARCH

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; and the National Cancer Institute, Public Health Service.

HAROLD P. RUSCH, *Editor-in-Chief*

ILSE L. RIEGEL, *Assistant Editor*      ELIZABETH C. MILLER, *Assistant Editor*

ELIZABETH B. POHLE, *Technical Editor*

### *Editorial Advisory Board*

CYRUS P. BARNUM, JR.	SAMUEL GRAFF	GEORGE D. SNELL
JOHN J. BITTNER	HARRY S. N. GREENE	PAUL E. STEINER
AUSTIN M. BRUES	ERICH HIRSCHBERG	C. CHESTER STOCK
JOSEPH H. BURCHENAL	HENRY S. KAPLAN	ROBERT E. STOWELL
WALTER J. BURDETTE	ARTHUR KIRSCHBAUM	JEROME T. SYVERTON
DALE R. COMAN	JOSEPH LEITER	ALBERT TANNENBAUM
HUGH J. CREECH	G. BURROUGHS MIDER	SHIELDS WARREN
E. J. EICHWALD	VAN R. POTTER	ARNOLD D. WELCH
JACOB FURTH	HANS G. SCHLUMBERGER	RICHARD J. WINZLER
W. U. GARDNER	MICHAEL B. SHIMKIN	PAUL C. ZAMECNIK
ALFRED GELLHORN	PHILIPPE SHUBIK	

---

### NOTICE TO MEMBERS OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH

#### *Officers for 1956-57*

*President:* ALBERT TANNENBAUM, Michael Reese Hospital, 29th & Ellis Ave., Chicago 16, Ill.  
*Vice-President:* JACOB FURTH, Children's Cancer Research Foundation, Boston, Mass.  
*Secretary-Treasurer:* HUGH J. CREECH, Institute for Cancer Research, Fox Chase, Philadelphia 11, Pa.

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 April each year. The subscription price is \$12.50 per year; the price of single issues is \$1.25. Orders for less than a full year will be charged at the single-issue rate. Postage is prepaid by the publishers on all orders from the United States and its possessions. No extra charge is made for countries in the Pan American Postal Union. Postage is charged extra as follows: For Canada and Newfoundland, 50 cents per year (total \$13.00), 5 cents per issue (total \$1.30); for all other countries in the Postal Union, \$1.00 per year (total \$13.50), 10 cents per issue (total \$1.35).

The following is an authorized agent:

For the British Commonwealth, except North America and Australasia:

Cambridge University Press, Bentley House, 200 Euston Road, London, N.W. 1, England. Prices of subscriptions and of single copies may be had on application.

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:** If you change your address, please notify us and your local postmaster immediately.

Entered as second-class matter, February 15, 1949, at the post office at Chicago, Ill., under the Act of March 3, 1879.

Acceptance for mailing at special rate of postage provided for in United States Postal Act of October 3, 1917, Section 1103, amended February 28, 1925, authorized June 1, 1950.

Copyright 1956 by Cancer Research, Inc.