CANCER RESEARCH

This journal is sponsored by the American Association for Cancer Research, Inc., The Anna Fuller Fund, The International Cancer Research Foundation, and The Jane Coffin Childs Memorial Fund for Medical Research.

Advisory Board

MILDRED W. S. SCHRAM, Chairman
S. BAYNE-JONES  JAMES B. MURPHY
C. C. LITTLE  GEORGE M. SMITH

Editorial Committee

JAMES B. MURPHY, Chairman
WM. H. WOGLOM, Secretary
CLARA J. LYNCH, Editor, Abstracts Section

JOHN J. BITTNER  JACOB FURTH  M. J. SHEAR
ALEXANDER BRUNSCHWIG  WILLIAM U. GARDNER  HAROLD L. STEWART
GIOACCHINO FAILLA  FRANCES L. HAVEN  GRAY H. TWOMBLY
LOUIS F. FISHER  BALDWIN LUCKÉ  SHEILDS WARREN

Abstractors

S. BAYNE-JONES  M. J. EISEN  R. J. LUDFORD
M. BELKIN  WILLIAM U. GARDNER  W. V. MAYNEORD
JOHN J. BITTNER  W. E. GYE  J. L. MELNICK
E. BOYLAND  A. HADDO  A. METZGER
H. BUNTING  J. B. HAMILTON  C. A. PEFFER
W. J. BURDETT  FRANCES L. HAVEN  R. C. ROSKELLY
P. P. COHEN  I. HIEGER  D. SHEMON
H. G. CRABTREE  B. N. HORBITT  K. G. STERN
H. J. CREECH  R. N. JONES  F. L. WARREN
C. E. DUNLAP  E. L. KENNAWAY  H. GIDEON WELLS
MARIE DURAN-REYNALS  A. KIRSCHBAUM  G. W. WOOLLEY
L. W. LAW

Published by The International Cancer Research Foundation.
Publication Office, 1500 Greenmount Ave., Baltimore, Maryland.
The rates for the annual subscription for one volume are: To members of the American Association for Cancer Research, Inc., $5.00; to others and to libraries, institutions, and organizations, $7.00. Business communications, remittances, and subscriptions should be addressed to the Business Manager, 1500 Greenmount Ave., Baltimore, Md., or 2500 Lincoln-Liberty Building, Philadelphia, Pa.

No responsibility is accepted by the Committee, by the Board, or by the Publishers of Cancer Research for opinions expressed by contributors.

Entered as second class matter February 12, 1941, at the Post Office at Baltimore, Md., under the Act of March 3, 1879.

Copyright, 1942, by The International Cancer Research Foundation.