

**Editor in Chief** Arthur I. Holleb, M.D.  
**Executive Editor** Sidney L. Arje, M.D.  
**Associate Editor** Elisabeth M. Kosh  
**Managing Editor** John Aschemeier  
**Assistant Editor** Susan Robertson  
**Advisory Editors** Charles H. Gingles, M.D.  
 E. Cuyler Hammond, Sc.D.  
 William Markel, M.D.  
 Richard P. Mason, M.D.  
 Jack W. Milder, M.D.  
 John Rizzolo, M.D.  
 Robert M. Taylor, M.D.  
 (Canada)  
 Stefano Vivona, M.D.  
 G. Congdon Wood, Ph.D.  
**Medical Librarian** Sourya Henderson, Ph.D.  
**Art Director** Ralph Delli-Bovi  
**Production** William Glicksman  
 Leonard Eldridge  
**Circulation** Ronald Daddea

**Professional  
Education Committee**

W. A. D. Anderson, M.D.  
 Harvey W. Baker, M.D.  
 Luther W. Brady, M.D.  
 Joshua F. B. Camblos, M.D.  
 Murray M. Copeland, M.D.  
 Robert J. Falconer, M.D.  
 S. B. Gusberg, M.D.  
 George E. Hale, M.D.  
 J. Shelton Horsley, III, M.D.  
 Robert V. P. Hutter, M.D.  
 LaSalle D. Leffall, Jr., M.D.  
 Louis A. Leone, M.D.  
 Edward F. Lewison, M.D.  
 John S. Lyle, M.D.  
 Sister Kathryn Mangen, R.N.  
 Eugene P. McManamy, M.D.  
 William C. Moloney, M.D.  
 Gerald P. Murphy, M.D.  
 Donald G. Nikolaus, M.D.  
 Roy W. Osterkamp, D.D.S.  
 Walter A. Ricker, Jr., M.D.  
 Benjamin F. Rush, Jr., M.D.  
 Edward F. Scanlon, M.D.  
 Robert L. Schmitz, M.D.  
 William G. Thurman, M.D.

Articles in Ca are indexed in  
 Index Medicus and Current  
 Contents/Clinical Practice.  
 Some are abstracted in  
 Chemical Abstracts, Biologi-  
 cal Abstracts, Excerpta Med-  
 ica, Abstracts of World Med-  
 icine, Medical Socioeco-  
 nomic Research Sources.  
 Publication does not con-  
 stitute endorsement by the  
 American Cancer Society.

Circulation: over 350,000  
 Address manuscripts to  
 Arthur I. Holleb, M.D.  
 Editor in Chief  
 Ca—A Cancer Journal for  
 Clinicians  
 219 East 42nd St.  
 New York, N.Y. 10017