CONTENTS

Howard E. Skipper. A Review: On the Mechanism of Action of Certain Temporary Anticancer Agents ................................................. 545
A. Baek and E. J. Walaszek. Studies with Radioactive Colchicine. I. The Influence of Tumors on the Tissue Distribution of Radioactive Colchicine in Mice .................... 552
A. G. Stewart and R. W. Begg. Systemic Effects of Tumors in Force-fed Rats. II. Effect on the Weight of Carcass, Adrenals, Thymus, Liver, and Spleen ............................................. 556
A. G. Stewart and R. W. Begg. Systemic Effects of Tumors in Force-fed Rats. III. Effect on the Composition of the Carcass and Liver and on the Plasma Lipids ................................................. 560
Horace Goldie, Barbara R. Jeffries, Arnold M. Jones, and Matthew Walker. Detection of Metastatic Tumor Cells by Intraperitoneal Inoculation of Organ Brei from Tumor-bearing Mice ................................................. 566
W. E. Heston, Egon Lorenz, and Margaret K. Deringer. Occurrence of Pulmonary Tumors in Strain A Mice Following Total-Body X-Radiation and Injection of Nitrogen Mustard ............ 573
E. J. Foley. Attempts To Induce Immunity against Mammary Adenocarcinoma in Inbred Mice ........................................................................ 578
Chester M. Southam and Judith D. Epstein. The Effect of Russian Encephalitis and Other Viruses on Mouse Leukemia ................................................. 581
G. Asboe-Hansen. Autoradiography of Mast Cells in Experimental Skin Tumors of Mice Injected with Radioactive Sulfur (S³⁵) ................................................. 587
Donald A. Clarke, Frederick S. Philips, Stephen S. Sternberg, C. Chester Stock, Gertrude B. Elion, and George H. Hitchings. 6-Mercaptopurine: Effects in Mouse Sarcoma 180 and in Normal Animals ................................................. 593
John A. Jacquez and Frances Mottram. Tissue Culture Screening of Amino Acid Analogs for Selective Damage to Mouse Sarcoma Cells ................................................. 605
Harry S. N. Greene. The Heterologous Transplantation of the V-2 Rabbit Carcinoma ................................................. 610
Book Reviews ........................................................................ 613
Announcements ........................................................................ 616

THE OFFICIAL ORGAN OF THE
AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.

Published by THE UNIVERSITY OF CHICAGO PRESS