CONTENTS

Paul E. Steiner. Cancer Research in Trans-Saharan Africa: Guest Editorial ........................................... 489
W. Bernhard. Electron Microscopy of Tumor Cells and Tumor Viruses: A Review ................................. 491
Alfred Gellhorn. The Cocarcinogenic Activity of Cigarette Tobacco Tar ............................................. 510
Marshall W. Nirenberg and James F. Hogg. Inhibition of Anaerobic Glycolysis in Ehrlich Ascites Tumor Cells by 2-Deoxy-d-Glucose ................................................................. 518
M. N. Teller, J. E. Palm, P. C. Merker, J. J. Harris, and G. W. Woolley. The Use of Transplantable Human Tumors in Experimental Chemotherapy ................................................................. 522
Kenichi Kenneth Hisaoka. The Effects of 2-Acetylaminothioflavone on the Embryonic Development of the Zebrafish. I. Morphological Studies ................................................................. 527
Victor H. Auerbach and Harry A. Waisman. The Metabolism of Aromatic Amino Acids in Leukemic Rats ......................................................................................................................... 536
Victor H. Auerbach and Harry A. Waisman. Amino Acid Metabolism of Novikoff Hepatoma ............ 543
Anna Maria Williams and G. A. LePage. Purine Metabolism in Mouse Ascites Tumor Cells. I. Effect of Preformed Purines on in Vitro Incorporation of Glycine-2-C14 ...................................................... 548
Anna Maria Williams and G. A. LePage. Purine Metabolism in Mouse Ascites Tumor Cells. II. In Vitro Incorporation of Preformed Purines into Nucleotides and Polynucleotides .......................................................... 554
Anna Maria Williams and G. A. LePage. Purine Metabolism in Mouse Ascites Tumor Cells. III. In Vitro Incorporation of Preformed Purines into Nucleotides and Polynucleotides .................................................. 562
Max S. Dunn and Edward A. Murphy. Effects of Age, Sex, Strain, and Methionine Analogs on the Nonprotein Amino Acids in the Liver of Normal and Tumorous Rats ......................................................... 569
Koh-Iti Turumi and Sister Mary Luke Dawes. Serum Sialic Acid Levels in Mice with Neoplasms ......... 575
Dorothy Nelson, J. P. Weinmann, W. C. Dolowy, and A. C. Ivy. The Natural History of the Lakeland Sarcoma (Leiomyosarcoma) ............................................................... 578
William H. Hardesty. The Effect of Cytotoxic Drugs on Wound Healing in Rats ................................ 581
Morgan Harris and R. J. Kutsky. Growth Rates of Fibroblasts from Chick Skeletal Muscle in Cultures Supplemented with Homologous Nucleoproteins ................................................................. 585
Giuseppe Della Porta, Leonard Kolb, and Philippe Shubik. Induction of Tracheobronchial Carcinomas in the Syrian Golden Hamster ........................................................................................................... 592
Saul Kit, Charles Beck, Odette L. Graham, and Arthur Gross. Effect of 5-Bromodeoxyuridine on Deoxyribonucleic Acid-Thymine Synthesis and Cell Metabolism of Lymphatic Tissues and Tumors ................................................................................................................... 598
William H. Prusoff. Studies on the Mechanism of Action of 6-Uracil Methyl Sulfone in Mouse Ehrlich Ascites Tumor Cells in Vitro ................................................................. 603
H. V. Gelboin, J. A. Miller, and E. C. Miller. Studies on Hepatic Protein-bound Dye Formation in Rats Given Single Large Doses of 3'-Methyl-4-Dimethylaminoazobenzene ........................................ 608
Book Reviews ........................................................................................................................................... 618
Announcement: Supplements on “Cancer Chemotherapy Screening Data” ....................................... 619

THE OFFICIAL ORGAN OF THE
AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.
Published by THE UNIVERSITY OF CHICAGO PRESS