CONTENTS


H. Ira Pilgrim. Studies of Postestrational Adrenal Cortical Changes in Parabiotic C3H Female Mice ................................................................. 1555

George Klein, Hans Olof Sjögren, Eva Klein, and Karl Erik Hellström. Demonstration of Resistance against Methylcholanthrene-induced Sarcomas in the Primary Autochthonous Host ............................................... 1561

Glenn M. Kokame, Edward T. Kremetz, and John K. Wilson. Studies on Transplantation and Behavior of Hamster Melanoma ......................................... 1569

Arthur A. Spector, Leonard Berwick, and Peter C. Nowell. Liver Catalase Activity in Rat Leukemia ................................................................. 1577

Clyde O. Brindley, Jacob Colsky, Margarida M. Dederick, James F. Holland, Albert H. Owens, Jr., Bruce I. Shnider, Emil Frei III, M. M. Hreshchyshyn, Hans B. Nevinny, Yukset Uzer, and Ralph Jones, Jr. Clinical Trial of the Cytostatic Agent A-139 (2,5-Bis[1-Aziridiny1]-3,6-bis[2-methoxyethoxy]-p-benzoquinone ................................................... 1580


P. U. Angeletti, B. W. Moore, and V. Suntzeff. Similarity of Protein and Enzyme Patterns in Different Types of Malignant Tissues ........................................ 1589

Herbert F. Oettgen, Jeré Anne Reppert, Virginia Coley, and Joseph H. Burchenal. Effects of Nicotinamide and Related Compounds on the Antileukemic Activity of 2-Amino-1,3,4-thiadiazole .................................................... 1597

Loretta Cheong, Marvin A. Rich, and Maxwell L. Eidenoff. Mechanism of Growth Inhibition of H.Ep. #1 Cells by 5-Fluorodeoxyuridine and 5-Fluorodeoxyuridine ........................................ 1602


Richmond T. Prehn. Tumor-specific Immunity to Transplanted Diben[a,h]-anthracene-induced Sarcomas ................................................................. 1614

J. Frank Henderson and Irene G. Jungra. Inhibition of Ascites Tumor Growth by 4-Aminopyrazolo-(3,4-d)-pyrimidine in Combination with Azaserine, 6-Mercaptopurine, and Thioguanine ........................................ 1618

Charles A. Ely. A Study of Mouse Ovarian Function after Irradiation ................................................................. 1625

Norton G. McDuffie, Jr., Betty S. Gibson, and Alfred Taylor. Study of Toxic Factors Associated with Mouse Mammary Carcinomas in Egg Cultures .................................................. 1631

Alfred Taylor and Nell Carmichael. Toxic Factor Associated with Egg-cultivated Tumors ................................................................. 1636

Phyllis B. Blair, Sidney M. Blair, W. R. Lyons, Howard A. Bern, and C. H. Li. Effect of Hormones and of Parity on the Occurrence of Hyperplastic Alveolar Nodules and Tumors in the Mammary Glands of Female A/Crgl Mice .................................................. 1640

Elton Stubblefield and Gerald C. Mueller. Effects of Sodium Chloride Concentration on Growth, Biochemical Composition, and Metabolism of HeLa Cells .................................................. 1646

Index to Volume 20 ........................................................................ 1659

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