CONTENTS

C. P. Rhoads. Cancer Quackery: Guest Editorial .......................... 373
Paul Kotin. The Role of Atmospheric Pollution in the Pathogenesis of Pulmonary Cancer: A Review ............. 375
Joseph D. Sherman and Donald I. Patt. Blood Cell Factors and Tumor Growth in the Cheek Pouch of the Golden Hamster (Mesocricetus auratus) ...................... 394
Peter A. Herbut and William H. Kraemer. Heterologous Transplantation of Human Tumors ..................... 408
Harold G. Loeb, William D. Wright, and Byron E. Hall. Nucleic Acid Analysis of Human Bone Marrow Particles in Malignancy ...................... 413
James A. Green. The Effect of Hormone Administration on the Growth, Morphology, and Secretion of a Transplanted Mouse Granulosa-Cell Tumor .................................. 417
Henry S. Kaplan, William H. Carnes, Mary B. Brown, and Barbara B. Hirsch. Indirect Induction of Lymphomas in Irradiated Mice. I. Tumor Incidence and Morphology in Mice Bearing Nonirradiated Thymic Grafts ...................... 422
Henry S. Kaplan, Mary B. Brown, Barbara B. Hirsch, and William H. Carnes. Indirect Induction of Lymphomas in Irradiated Mice. II. Factor of Irradiation of the Host ...................... 426
William H. Carnes, Henry S. Kaplan, Mary B. Brown, and Barbara B. Hirsch. Indirect Induction of Lymphomas in Irradiated Mice. III. Role of the Thymic Graft .............. 429
Henry S. Kaplan, Barbara B. Hirsch, and Mary B. Brown. Indirect Induction of Lymphomas in Irradiated Mice. IV. Genetic Evidence of the Origin of the Tumor Cells from the Thymic Grafts .............. 434
Dwight J. Ingle, Tomas L. Altamero, Jr., and Violeta Flores. Weights of Tumors in Overfed Rats ...................... 437
Charles Heidelberger and Marjorie G. Moldenhauer. The Interaction of Carcinogenic Hydrocarbons with Tissue Constituents. IV. A Quantitative Study of the Binding to Skin Proteins of Several C4-labeled Hydrocarbons ...................... 442
A. H. Conney, E. C. Miller, and J. A. Miller. The Metabolism of Methylated Aminoazo Dyes. V. Evidence for Induction of Enzyme Synthesis in the Rat by 3-Methylcholanthrene .............. 450
Borroughs R. Hill. Some Properties of Serum Lactic Dehydrogenase ...................... 460
Announcements ...................... 467

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