Contents

THIS ISSUE CONSISTS OF TWO PARTS. THIS IS PART 1

961 Alfred Gellhorn. The Unifying Thread

971 Bruce L. Bolasny, Sherwyn E. Warren, and John V. Prohaska. The Effects of Triamcinolone Diacetate on Levels of 3-Methylcholanthrene in Rat Mammary Glands

974 Christine Dosne de Pasqualini, E. A. D. Holmberg, S. L. Rabasa, and A. Pavlovsky. Leukemia Induced by Sarcoma 180 and the Development of Reciprocal Immunity

978 Margaret G. Kelly, Walter L. Newton, and Roger W. O’Gara. Susceptibility of Newborn Germ-free Mice to Tumor Induction by 3-Methylcholanthrene

983 I. Berenblum and N. Trainin. The Lack of Effect of Urethan (Ethyl Carbamate) on Sarcoma Induction by the Subcutaneous Injection of 3,4-Benzyrene

987 George Weber and Harold P. Morris. Comparative Biochemistry of Hepatomas. III. Carbohydrate Enzymes in Liver Tumors of Different Growth Rates


1008 J. P. Glynn, S. R. Humphreys, G. Trivers, A. R. Bianco, and A. Goldin. Studies on Immunity to Leukemia L1210 in Mice

1016 Duane A. Benton. The Effects of Adrenalectomy and Pyridoxine Deficiency on the Growth of 3,4,9,10-Dibenzpyrene-induced Tumors

1021 Gudmundur Petursson and Jørgen Fogh. The Chromosomes of Primary Human Amnion Cells and FL Cells


1031 Richard J. Goss. Mitotic Responses of the Compensating Rat Kidney to Injections of Tissue Homogenates

1036 Stephen S. Sternberg, Frederick S. Philips, Alice P. Cronin, Jane E. Sodergren, and Pedro M. Vidal. Toxicological Studies of Calvacin

1045 Robert M. MacLeod, Charlotte E. King, and Vincent P. Holland. Effect of Corticosteroids on Ribonuclease and Nucleic Acid Content in Lymphosarcoma P1798

1051 Pat B. White, Carroll W. Smith, and Paul F. Kruse, Jr. Response of Jensen Sarcoma Cell Cultures to Some Analogs, Homologs, and Peptides of Arginine, Ornithine, and Citrulline

1059 Max W. Biggs, John E. Eiselein, and George Wilcox. Observations on Murine Leukemia Treated with Deuterium and X-Ray

1063 Lloyd J. Old, Edward A. Boyse, and Frank Lilly. Formation of Cytoxic Antibody against Leukemias Induced by Friend Virus

1069 Curtis L. Songster, Sydney S. Schochet, Jr., and Emmanuel Farber. Metabolism of Bile Components during Hepatocarcinogenesis. I. Conjugation of Cholic Acid in Vitro in Experimental Liver Carcinogenesis

1077 Alan C. Sartorelli and Herbert F. Upchurch. Physiological Disposition and Therapeutic Consequences of Adenine Administered via the Gastrointestinal Tract in Normal and Tumor-bearing Mice

1084 Donald J. Svoboda, Fernando R. Kirchner, and G. O. Proud. Electron Microscopic Study of Human Laryngeal Papillomatosis

1090 Edith E. Sproul, Raul Grinberg, and Sidney C. Werner. Lymphoid Hyperplasia and Neoplasia Associated with a Mouse Pituitary Thryrotropic Tumor

1097 Norman Molomut, Florence Lazere, and Lawrence W. Smith. Effect of Audiogenic Stress upon Methylcholanthrene-induced Carcinogenesis in Mice

1102 Comment

1102 Books Received

1103 Announcements