Contents

1295 Howard E. Skipper. Perspectives in Cancer Chemotherapy: Therapeutic Design


1308 Frederic C. Ludwig, Warren L. Bostick, and Mary L. Epling. Quantitative Analysis of Friend's Disease in Two Inbred Strains of Mice with Emphasis on Bone Marrow Response

1318 Homer H. Harding, Fred Rosen, and Charles A. Nichol. Depression of Alanine Transaminase Activity in the Liver of Rats Bearing Walker Carcinoma 256

1324 Ralph K. Barclay, Mildred A. Phillipps, Giulio C. Perri, and Kanematsu Sugiura. Synthesis of and Tumor Inhibition by a Tryptophan Mustard

1331 Glynn P. Wheeler and Jo Ann Alexander. Studies with Mustards. V. In Vivo Fixation of C14 of Labeled Alkylating Agents by Bilaterally Grown Sensitive and Resistant Tumors

1338 Glynn P. Wheeler and Jo Ann Alexander. Studies with Mustards. VI. Effects of Alkylating Agents upon Nucleic Acid Synthesis in Bilaterally Grown Sensitive and Resistant Tumors

1347 J. C. H. de Man. Effect of Cortisone on the Fine Structure, Glycogen Content, and Glucose-6-phosphatase Activity of Hepatic Cells in Fasted and Dimethylnitrosoamine-treated Rats


1368 Velma C. Chambers and Russell S. Weiser. An Electron Microscope Study of Sarcoma I in a Homologous Host. II. Changes in the Fine Structure of the Tumor Cell during the Homograft Reaction

1391 L. J. Journey. Cytoplasmic Microtubules in Mouse Peritoneal Macrophages during Rejection of MC1M Ascites Tumor Cells

1406 Richard Siegler and Marvin A. Rich. Comparative Pathogenesis of Murine Viral Lymphoma

1418 Robert W. Ogilvie, James D. Blanding, Jr., Mildred L. Wood, and William H. Knisely. The Arterial Supply to Experimental Metastatic VX2 and XY Tumors in Rabbit Lungs

1433 Hideo Mizuno, P. K. Talwalker, and J. Meites. Influence of Hormones on Tumor Growth and Plasma Prolactin Levels in Rats Bearing a Pituitary "Mammatropic" Tumor


1457 John M. Venditti and Abraham Goldin. Chemotherapy of Advanced Mouse Leukemia L1210: Comparison of Methotrexate Alone and in Sequential Therapy


1468 Avery A. Sandberg, Yasumoto Kikuchi, and Lois H. Crosswhite. Mitotic Ability of Leukemic Leukocytes in Chronic Myelocytic Leukemia


1502 Warren W. Nichols. In Vitro Chromosome Breakage Induced by Arabinosyladenine in Human Leukocytes

1507 Jerome Vernick, Gary Garside, and Everett Hoppe. The Lack of Growth of Intravenously Inoculated Tumor Cells in Peripheral Wounds

1509 Announcements: Annual Meeting of the American Association for Cancer Research