Contents

THIS ISSUE CONSISTS OF TWO PARTS. THIS IS PART 1


107 Angelina M. Fabrizio. An Induced Transmissible Sarcoma in Hamsters: Eleven-Year Observation through 288 Passages.

118 Robert J. Morin. Effects of 4-Dimethylaminoazobenzene on Hepatic Microsomal Phospholipids.

124 Tore Hultin and Erik Arrhenius. Effects of Carcinogenic Amines on Amino Acid Incorporation by Liver Systems. III. Inhibition by Aminofluorene Treatment and its Dependence on Vitamin E.

132 Harry L. Joachim, Antonio Cali, and Dilip Sinha. Age-dependent Transplantability in Rats of Virus-induced Thymic Lymphoma Cultured In Vitro.


153 E. Mihich and C. A. Nichol. Differences in the Selective Antitumor Effects of 4-Deoxypyridoxine and Dietary Pyridoxine Deficiency.


201 Arthur A. Stein, Edward Opalka, and I. Rosenblum. Fatty Acid Analysis of Two Experimentally Transmissible Gliar Tumors by Gas-Liquid Chromatography.


214 Arnis Richters and Russell P. Sherwin. The Occurrence of Biologic Crystals in Tumor and Nontumor Cultures of C3H/HeJ Mice.


225 Harris Busch, Montague Lane, Helen R. Adams, Michael E. DeBakey and Masami Muramatsu. Isolation of Nucleoli from Human Tumors.


246 June L. Biedler, Alberta M. Albrecht, and Dorris J. Hutchison. Cytogenetics of Mouse Leukemia Li210. I. Association of a Specific Chromosome with Dihydrofolate Reductase Activity in Methotrexin-treated Sublines.

259 Alice N. Milner, Oleta Klett, Sue Ellen Young, and John S. Stehlin, Jr. The Biochemical Mechanism of Action 1-Phenylalanine Mustard. I. Distribution of 1-Phenylalanine Mustard-H3 in Tumor-bearing Rats.

265 Ann D. Dunn, Richard H. Mandle, and Sidney C. Werner. Studies with Mouse Pituitary Thyrotropic Tumors. IX. Distribution of Amino Acids under the Influence of Thyroxine.

270 Fredrik I. Lottsfeldt, Carole Pehoushek, and William Krivit. Catalase Activity in Mouse Leukemia L1210.

274 Announcement

274 Obituary