Contents

THIS ISSUE CONSISTS OF TWO PARTS. THIS IS PART 1

801 Ruth K. Kielley. Patterns of Synthesis of Thymidine Triphosphate and Other Deoxyribonucleoside Triphosphates in Mouse Liver and in Mouse Ascites Hepatoma


818 Dinkar K. Kasbekar and David M. Greenberg. Studies on Tumor Resistance to 5-Fluorouracil

825 George J. Todaro, Karin Nilausen, and Howard Green. Growth Properties of Polyoma Virus-induced Hamster Tumor Cells

833 D. W. Nebert and H. S. Mason. An Electron Spin Resonance Study of Neoplasms

841 Walter Troll, Sidney Belman, and Ellen Levine. The Effect of Metabolites of α-Naphthylamine and the Mutagen Hydroxylamine on the Thermal Stability of DNA and Polyribonucleotides

858 Dante G. Scarpelli, Marie H. Greider, and Walter J. Frajola. Observations on Hepatic Cell Hyperplasia, Adenoma, and Hepatoma of Rainbow Trout (Salmo gairdnerii)

864 Sam Sorof, Emily M. Young, Mary M. McCue, and Phyllis L. Fetterman. Zonal Electrophoresis of the Soluble Proteins of Liver and Tumor in Azo Dye Carcinogenesis

883 D. H. Adams and Bettie M. Bowman. The Chemotherapy of Established Sarcoma 180 and Adenocarcinoma 755 Tumors with 6-Thioguanine

890 W. Edward O'Malley, Betty Achinstein, and Murray J. Shear. Action of Bacterial Polysaccharide on Tumors. III. Repeated Response of Sarcoma 37, in Tolerant Mice, to Serratia marcescens Endotoxin

896 Edwin R. Fisher and Bernard Fisher. Experimental Studies of Factors Influencing the Development of Hepatic Metastases. XIII. Effect of Hepatic Trauma in Parabiotic Pairs

901 W. C. Alston and R. Y. Thomson. Humoral and Local Factors in Liver Regeneration


921 Anne G. Jabara. A Comparison of the Pathological Effects of 2-Acetylaminofluorene, 4-Acetylaminobiphenyl, and 2-Acetylaminobiphenyl in the Dog

928 R. David Baker. Intestinal Absorption of Fat in Tumor-bearing Rats

932 Martin J. Pine, Emily Harzewski, and Frank C. Wissler. Action of the Phthalanilide Drugs on Escherichia coli

938 Robert A. L. Macbeth, J. George Bekesi, and Jules Tuba. Plasma Glycoproteins in the Rat Bearing Walker 256 Carcinoma

944 Tapen Mukherjee, Rune G. Gustafsson, Björn A. Afzelius, and Erik Arrhenius. Effects of Carcinogenic Amines on Amino Acid Incorporation by Liver Systems. II. A Morphological and Biochemical Study on the Effect of Dimethylnitrosamine

954 Chung Wu and Jere M. Bauer. Peptidase Activities in Tissues of Tumor-bearing Rats