CONTENTS

Alberto Houssay, George M. Higgins, and Warren A. Bennett. The Influence Exerted by Desoxycorticosterone Acetate upon the Production of Adrenal Tumors in Gonadectomized Mice @97

Byron Riegel, William B. Wartman, Willard T. Hill, Blanchard B. Reeb, Philippe Shubik, and D. Warren Stanger. Delay of Methylcholanthrene Skin Carcinogenesis in Mice by 1,2,5,6-Dibenzofluorene 301

E. Annau, A. Manginelli, and A. Roth. Increased Weight and Mitotic Activity in the Liver of Tumor-bearing Rats and Mice 304


Henry S. Bloch, Claude R. Hitchcock, and Arnold J. Kremen. The Distribution of S3 from Labeled DL-Methionine in Mice Bearing Carcinoma of the Breast, Neoplasms of the Hematopoietic System, or Liver Abscesses 313

Hans L. Falk, Paul E. Steiner, Sam Goldfein, Alexander Breslow, and Ruth Hykes. Carcinogenic Hydrocarbons and Related Compounds in Processed Rubber 318

George Limperos. Roentgen Irradiation of Desoxyribonucleic Acid. III. The Relation of Dose to Degree of Depolymerization in Vivo and the Influence of Oxygen Tension 325

Richard H. Steckel and John R. Murlin. The Carbohydrate Metabolism of the Brown-Pearce Carcinoma of the Rabbit in Normal and Hypoglycemic Serum 330

Albert C. Snell, Jr., and Benedict V. Pavata. The Development of Resistance to Reinoculation and of Circulating Cytotoxins in Response to Heterologous Ocular Tumor Transplantation in the Guinea Pig 335

R. W. Begg. Systemic Effects of Tumors in Rats 341

R. E. Stowell, C. S. Lee, K. K. Tsuibo, and A. Villasana. Histochemical and Microchemical Changes in Experimental Cirrhosis and Hepatoma Formation in Mice by Carbon Tetrachloride 345

Van R. Potter and Gloria G. Lyle. Oxidative Phosphorylation in Homogenates of Normal and Tumor Tissues 355

M. H. Toosy. Histological and Chemical Alterations Produced in Mouse Epidermis by Soft X-Radiation 361

H. Christine Reilly and C. Chester Stock. Studies on a Tumor-retarding Agent Produced by Aspergillus fumigatus 366

Perihan Cambel. Fluorescence Studies of Carcinogens in the Rat Skin 370

Sam Sorof and Philip P. Cohen. Electrophoretic and Ultracentrifugal Studies on the Soluble Proteins of Various Tumors and of Livers from Rats Fed 4-Dimethylaminoazobenzene 376

