CONTENTS


G. R. Biskind, D. E. Bernstein, and S. M. Gospe. The Effect of Exogenous Gonadotrophins on the Development of Experimental Ovarian Tumors in Rats 216

W. H. Prusoff, W. L. Holmes, and A. D. Welch. Non-utilization of Radioactive Iodinated Uracil, Uridine, and Orotic Acid by Animal Tissues in Vivo 221

Emery M. Gal and David M. Greenberg. Studies on the Biological Action of Malononitriles. III. Effect of Malononitrile Administration on Excretion of Thiocyanate in Normal and Walker Carcinoma 256-bearing Rats 226

G. W. Woolley, M. M. Dickie, and C. C. Little. Adrenal Tumors and Other Pathological Changes in Reciprocal Crosses in Mice. II. An Introduction to Results of Four Reciprocal Crosses 231

Walter G. Wiest and Charles Heidelberger. The Interaction of Carcinogenic Hydrocarbons with Tissue Constituents. I. Methods 246

Walter G. Wiest and Charles Heidelberger. The Interaction of Carcinogenic Hydrocarbons with Tissue Constituents. II. 1,2,5,6-Dibenzanthracene-9,10-C14 in Skin 250

Walter G. Wiest and Charles Heidelberger. The Interaction of Carcinogenic Hydrocarbons with Tissue Constituents. III. 1,2,5,6-Dibenzanthracene-9,10-C14 in the Submaxillary Gland 255

Arthur Kirschbaum, Joyce R. Shapiro, and Harry W. Mixer. Synergetic Action of Leukemogenic Agents 262

Morris K. Barrett and Walter H. Hansen. Resistance to Tumor Implantation Induced by Red Cell Stromata 269

Samuel H. Waxler, Pelagio Tabar, and Leo R. Melcher. Obesity and the Time of Appearance of Spontaneous Mammary Carcinoma in C3H Mice 276

Mary Jo Striebich, Emma Shelton, and Walter C. Schneider. Quantitative Morphological Studies on the Livers and Liver Homogenates of Rats Fed 2-Methyl- or 3-Methyl-4-dimethylaminoazobenzene 279

Walter C. Schneider, George H. Hogeboom, Emma Shelton, and Mary Jo Striebich. Enzymatic and Chemical Studies on the Livers and Liver Mitochondria of Rats Fed 2-Methyl- or 3-Methyl-4-dimethylaminoazobenzene 285

Gilbert L. Woodside, George W. Kidder, Virginia C. Dewey, and Robert E. Parks, Jr. The Influence of 8-Azaguanine on the Mitotic Rate and Histological Appearance of Certain Normal and Neoplastic Tissues 289

J. C. MacDonald, A. M. Plescia, E. C. Miller, and J. A. Miller. The Metabolism of Methylated Aminoazo Dyes. III. The Demethylation of Various N-Methyl-C14-aminoazo Dyes in Vivo 292

J. Furth, W. T. Burnett, Jr., and E. L. Gadsden. Quantitative Relationship between Thyroid Function and Growth of Pituitary Tumors Secreting TSH 298

Announcements 308

THE OFFICIAL ORGAN OF THE
AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.
PUBLISHED BY THE UNIVERSITY OF CHICAGO PRESS