CONTENTS

Arthur Kirschbaum. Rodent Leukemia: Recent Biological Studies. A Review 741
Pentti Ermala, Kai Setälä, and Per Ekwall. Gastric Absorption of 3,4-Benzpyrene. I. The Effect of Physiological Processes on Absorption 753
Per Ekwall, Pentti Ermala, Kai Setälä, and Lars Sjöblom. Gastric Absorption of 3,4-Benzpyrene. II. The Significance of the Solvent for the Penetration of 3,4-Benzpyrene into the Stomach Wall 758
Oleta A. Klatt and Alfred Taylor. The Effect of Tumor Growth on Liver Catalase Concentration 764
Edwin R. Skavinski and Abraham Stein. The Effect of Tumor Implants on Chick Embryo Liver Catalase Activity 768
S. Albert, R. M. Johnson, and Marjorie S. Cohan. Phosphorus Metabolism in Resting and Pregnancy-stimulated Mammary Glands and in Spontaneous Mammary Carcinomas of Mice 772
Jeanne C. Bateman, Calvin T. Klopp, and Anne Mendelson. A Comparison of Nitrogen Content of Lymph Nodes from Cancer and Noncancer Patients 777
Gray H. Twombly, Erwin F. Schoenewaldt, and Doris Meisel. The Distribution of Radioactivity in the Tissues of Mice Receiving Triphenylbromomethylene-Br35 780
Francis E. Ray and Mary F. Argus. Studies on the Metabolism, Distribution, and Excretion of 2-p-Toluenesulfonamidofluorene-S35 in the Rat 783
E. Woll, A. C. Dornbush, and P. A. Little. Rous Sarcoma in Folic Acid-deficient Chicks. Morphology and Bioassay 788
Saul Kit and David M. Greenberg. Tracer Studies on the Metabolism of the Gardner Lymphosarcoma. IV. The Conversion of Lactate-2-C14 to Alanine, Glutamate, and Aspartate by Tumor and Spleen Cells 791
L. W. Law. Effects of Low Temperatures on Mammary Carcinomas with and without the Mammary Tumor Milk Agent 795
Murray Finkelstein and Paul A. Thomas. Studies on the Effect of 8-Azaguanine on Sarcoma 37 in Mice 801
Murray Finkelstein, Wallace D. Winters, Paul A. Thomas, Clarke Davison, and Paul K. Smith. The Effect of 8-Azaguanine on Tissue Metabolism in Mice Bearing Sarcoma 37 807
E. J. Eichwald and H. Y. Chang. The Significance of the Anterior Chamber in Tumor Transplantation. II. The Nature of Tumor Growth beyond the Anterior Chamber 811
H. W. Rumsfeld, Jr., W. L. Miller, Jr., and C. A. Baumann. A Sex Difference in the Development of Liver Tumors in Rats Fed 3'-Methyl-4-dimethylaminoazobenzene or 4'-Fluoro-4-dimethylaminoazobenzene 814
Announcement 820

THE OFFICIAL ORGAN OF THE
AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.
Published by THE UNIVERSITY OF CHICAGO PRESS