Contents of Volume 3

JANUARY, 1943. NUMBER 1

JANET BLOCH BRIGGS and ROBERT W. BRIGGS. The Effects of a Water-Soluble Carcinogen on Early Frog Development .......................................................... 1
WALTER J. BURDETTE and LEONELL C. STRONG. The Inheritance of Susceptibility to Tumors Induced in Mice. I. Tumors Induced by Methylcholanthrene in Five Inbred Strains of Mice .......................................................... 13
LEONELL C. STRONG, V. J. COLLINS, and E. A. DURAND. A Genetic Analysis of the Induction of Tumors by Methylcholanthrene. IV. The Probable Remote Induction of Various Types of Gastric Lesions ........................................................................ 21
V. J. COLLINS, W. U. GARDNER, and L. C. STRONG. Experimental Gastric Tumors in Mice 29
WILLIAM CRAMER and ROBERT E. STOWELL. Skin Carcinogenesis by a Single Application of 20-Methylcholanthrene ............................................................ 36
J. LAURIDSEN and H. E. EGGERS. Carcinogenesis after Multiple Irritation .................... 43
ARTHUR M. CLOUDMAN. Reactions of Hybrid and Parabiontic Pseudo-Hybrid Mice to Inductions of Tumor C198 .......................................................... 47
HARRY S. N. GREENE and WADE H. BROWN. A Transplantable Squamous Cell Carcinoma in the Rabbit ....................................................................... 53
JACOB HEIMAN. Comparative Effects of Estrogen, Testosterone, and Progesterone on Benign Mammary Tumors of the Rat ...................................................... 65-
ABSTRACTS ........................................................................ 70-72
Reports of Experimental Research ............................................... 70-71
Clinical and Pathological Reports ................................................ 71-72

FEBRUARY, 1943. NUMBER 2

F. DICKENS and H. WEIL-MALHERBE. The Metabolism of Normal and Tumor Tissue. XX. A Comparison of the Metabolism of Tumors of Liver and Skin with That of the Tissue of Origin .......................................................... 73
R. G. CHITRE and V. R. KHANOLKAR. Studies in Esterase (Butyric) Activity. II. Esterase Content of Livers of Mice and Its Excretion in Strains Susceptible or Insusceptible to Mammary Cancer .......................................................... 88
W. U. GARDNER. Testicular Tumors in Mice of Several Strains Receiving Triphenylethylene 92
PAUL E. STEINER, ROBERT STEELE, and F. C. KOCH. The Possible Carcinogenicity of Over-
cooked Meats, Heated Cholesterol, Acrolein, and Heated Sesame Oil ................... 100
GEORGE R. SHARPLESS. Diet and Epithelial Hyperplasia in the Forestomach of Rats and Mice .......................................................... 108
G. C. MUELLER and H. P. RUSCH. Irradiated Benzpyrene and Inhibition of Urease Activity 113
B. E. KLINE. The Effect of p-Dimethylaminobenzene on the Formation of Blood Proteins 117

PROCEEDINGS OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.
Thirty-Fifth Annual Meeting. Boston, Mass., March 30–April 1, 1942 120-139
Proceedings of Scientific Sessions 120-136
Proceedings of Business Sessions 137-139
ABSTRACTS .......................................................... 140-144
Reports of Experimental Research ............................................... 140-142
Clinical and Pathological Reports ................................................ 143-144

MARCH, 1943. NUMBER 3

I. BERENBLUM and R. SCHOENTAL. The Metabolism of 3,4-Benzpyrene in Mice and Rats. I. The Isolation of a Hydroxy and a Quinone Derivative, and a Consideration of Their Biological Significance .......................................................... 145