



CANCER RESEARCH

VOL. 9

FEBRUARY 1949

No. 2

CONTENTS

Howard A. Bern. Some Effects of Long-continued Estrogen Treatment on Male Dutch Rabbits	65
Robert A. Kritzler, Barbara Mulliken, and Joseph C. Turner. Histological Appearance of Mouse Sarcoma 180 Infected by Vaccinia Virus	74
R. M. Mulligan. Primary Liver-Cell Carcinoma (Hepatoma) in the Dog	76
A. C. Griffin, C. C. Clayton, and C. A. Baumann. The Effects of Casein and Methionine on the Retention of Hepatic Riboflavin and on the Development of Liver Tumors in Rats Fed Certain Azo Dyes	82
James B. Murphy and Ernest Sturm. The Effect of Diethylstilbestrol on the Incidence of Leukemia in Male Mice of the Rockefeller Institute Leukemia Strain (R.I.L.)	88
Frances L. Haven, Challiss Randall, and W. R. Bloor. The Citric Acid Content of Tumor Tissue and of Tumor-bearing Rats	90
Arthur Kirschbaum. Induction of Mammary Cancer with Methylcholanthrene. II. Histological Similarity between Carcinogen-induced Tumors and Certain Mammary Neoplasms Occurring Spontaneously	93
J. M. Price, J. A. Miller, E. C. Miller, and G. M. Weber. Studies on the Intracellular Composition of Liver and Liver Tumor from Rats Fed 4-Dimethylaminoazobenzene	96
George T. Lewis, Walter L. Bloom, and Charles W. Smart. Studies of the Recombination of Nucleic Acids with a Tissue Polypeptide	103
John B. Storer and Clarence C. Lushbaugh. The Effects of Hepatic and Splenic Extracts from Human Lymphomata upon the Lymphatic System of Experimental Animals	108
Walter Marx. The Influence of Normal and Cancer Blood on Tyrosinase Activity <i>in vitro</i>	114
Elizabeth Lowenhaupt. Splenic Lymphosarcomas in Rats Bearing Intrasplenic Implants of Butter Yellow	121
New Books	127
Announcement of Annual Meeting	128

THE OFFICIAL ORGAN OF THE
AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.

Published by THE UNIVERSITY OF CHICAGO PRESS

Fortieth Annual Association Meeting, Detroit, April 16 and 17