Contents

1923 Fate of Pyruvaldehyde Bis(thiosemicarbazone)-\textsuperscript{35}S in Male and Female Rodents. James G. Cappuccino and M. Earl Balis.

1932 Comparison of Metabolism of \textsuperscript{131}I by Cell- and Organ-cultured Abnormal Human Thyroid Tissues. Wellington Hung, Theodore Winship, Keith Bowen, and John C. Houck.

1938 Acid Hydrolase Activity during the Growth, Necrosis, and Regression of the Jensen Sarcoma. Ralph F. Kampschmidt and Dan Wells.


1955 On the Poor Correlation between the Inhibition by Methotrexate of Dihydrofolate Reductase and of Deoxynucleoside Incorporation into DNA. DeWayne Roberts and Isidore Wodinsky.


1995 Characteristics of Mouse Leukemic Cells Resistant to 5-Azacytidine and 5-Aza-2'-deoxyeytidine. J. Vesely, A. Chak, and F. Sorm.


2007 Localized Incorporation of Iododeoxyuridine from Polycation-complexed Iododeoxycytidylic Acid into DNA of Several Murine and Hamster Tumors. Richard J. Woodman.


2032 Heterotransplantation of Human Choriocarcinoma in Monkeys. John L. Lewis, Jr., Willis E. Brown, Jr., Roy Hertz, Robert C. Davis, and Robert H. Johnson, Jr.


2051 Transplantable Chondrosarcoma in the Syrian Hamster (Mesocricetus auratus). Dee O. N. Taylor.

2056 Effect of Oxamate on Glycolysis and Respiration in Sarcoma 37 Asces Cells. J. C. Elwood.

2061 Inhibition of Mammalian DNA Polymerase by the 5'-Triphosphate of 1-β-D-Arabinojuranoslycytosine and the 5'-Triphosphate of 9-β-D-Arabinojuranosyladenine. J. J. Furth and Seymour S. Cohen.


2086 Effects of Divalent Cations on K\textsuperscript{+} Transport in Rat Liver and Morris Hepatoma 5123tc. H. Kalant and R. A. Hickie.
The Effect of Glucocorticoids on the Relative Distribution of Aspartate Aminotransferase Isozymes of Morris Hepatoma 5123B.
Theodore T. Otani and Harold P. Morris.

The Effect of 3-Methylcholanthrene on Rat Trachea in Organ Culture.
Lalita Palekar, Marvin Kuschner, and Sidney Laskin.

A Quantitative Spleen Colony Assay Method for Tumor Cells Induced by Friend Leukemia Virus Infection in Mice.
Suteera Thomson and Arthur A. Azelrad.

Ultrastructure of Human Chordoma.

Involvement of the Nucleolus in Viral Synthesis in the Cells of Primary Renal Tumors of Leopard Frogs.
J. Jacob.

The Extraction of Intracisternal A-Particles from a Mouse Plasma-Cell Tumor.

Treatment of Artificial Metastases of Methylcholanthrene-induced Rat Sarcomas by Autoimmunization of the Autochthonous Hosts.
Katsuo Takeda, Yuko Kikuchi, Shinya Yamawaki, Takahiro Ueda, and Takashi Yoshiki.

Observations of Self-induced Mitosis and Autosynchrony in Sarcoma D Cell Networks.
Clarence D. Cone, Jr.

Brief Communications:
7,12-Dimethylbenz(a)anthracene-induced Adrenocortical Necrosis and Its Inhibition by Metopirone (SU4885).
J. W. Jull.

Comparative Incorporation of Tritiated Thymidine and Cytidine into the Mitochondrial and Nuclear DNA and RNA of Two Transplantable Hepatomas (3924A and H-35tc2) and Host Livers.

Letter to the Editor:
Arthropod Antineoplastic Agents.

Book Reviews.

Special Announcement: Annual Meeting of the American Association for Cancer Research, Inc.

Announcements.

Erratum.

Obituary.

Special Announcement: Availability of Reprints of Cover Photographs.

COVER LEGEND

Two essential components of cancer research, studies on the natural history of cancer in man and the effects of treatment on the course of the disease, are represented in two classic contributions.

Alexandre von Winiwarter (1848-1916) of Belgium, affiliated with Theodor Billroth’s clinic of surgical pathology in Vienna, examined the end results of his mentor’s surgical experiences. He compiled these data into one of the first statistical reviews of operative results in cancer, especially of patients with mammary and gastric cancer (Beitrage zur Statistik der Carcinome, Enke, Stuttgart, 1878).


The photographs of Winiwarter and Greenwood, right and left respectively, were obtained from the New York Academy of Medicine Library, whose assistance is gratefully acknowledged.