Contents

George H. Hitchings.

Kiriti Sarkar and George Tolnai.

1913 Mitotic Index in the Regenerating Liver of Tumor-bearing Mice.
Athanasios Theologides and George F. Zaki.

1916 Biochemical Effects of Mithramycin on Cultured Cells.

1920 Immunization against Spontaneous and Autografted Mouse Mammary Carcinomas in the Autochthonous C3H/Crg1 Mouse.
Jan Vaage and David W. Weiss.

1927 The Importance of Implantation Site in Cerebral Carcinogenesis in Rats.
J. W. Hopewell and E. A. Wright.

1932 Activities of Enzymes of Pyrimidine Nucleotide Synthesis in Slowly Growing Kidney Tumors.

1937 Fate of Tetrahydrohomofolate in Mice.
A. Nahas and M. Friedkin.

1944 Preliminary Clinical Trial and the Physiologic Disposition of 4(5)-(3,3-Dimethyl-1-triazeno)imidazole-5-(4)-carboxamide in Man.

1952 Inhibition of the Growth of Mouse Melanoma by Chlorpromazine.
Melvin H. Van Woert and Steven H. Palmer.

1961 Isolation of a Fetal Antigen from Human Colonic Tumors.
Sabine von Kleist and Pierre Burtin.

1965 Aflatoxin B₁ Carcinogenesis in Lipotrope-deficient Rats.
Adrianne E. Rogers and Paul M. Newberne.

1973 Synergistic Action of Radiation and Virus in Induction of Leukemia in Rats.
Kenjiro Yokoro, Takaaki Ito, Nobutaka Imamura, Akira Kawase, and Takao Yamasaki.

1977 The Effects of 7,12-Dimethylbenz(a)anthracene on the Ovarian Response of Mice and Rats to Gonadotrophins.

John L. Lewis, Jr., Robert C. Davis, and Joyce T. Parker.

Andrew G. Glass and Nathan Mantel.

2002 Some Ultrastructural and Biochemical Characteristics of Tumor Mitochondria Isolated in Albumin-containing Media.

2010 The HFH-18 Mouse Melanoma in Roller Tube, Chamber, and Circumfusion System Cultures.
George G. Rose, Masayoshi Kumegawa, Hiromasa Nikai, Martin Cattoni, and Funan Hu.

2034 Isolation and Chemical Characterization of a Cell-Surface Sialoglycopeptide Fraction from Novikoff Ascites Cells.
Earl F. Walborg, Jr., Roberta S. Lantz, and Virginia P. Wray.
2039 Effect of Hepatocarcinogens on Hepatocyte DNA Synthesis and Cortisone Induction of Tryptophan Oxygenase.

2047 Alteration of Methotrexate by Leukemic Cells: Loss of Affinity for an Anion Exchange Resin.
Sheldon P. Rothenberg.

2056 Response of Bone Marrow to MC29 Avian Leukosis Virus in Vitro.

2075 Crystallization and Properties of Aldolase from a Transplantable Rat Sarcoma.
Sumie Kawabe, Taijiro Matsushima, and Takashi Sugimura.

2079 The Ultrastructure of Canine Cutaneous Papilloma.
A. M. Wattrach.

2085 Systematic Oscillations in Metabolic Activity in Rat Liver and Hepatomas: Effect of Hydrocortisone, Glucagon, and Adrenalectomy on Diploid and Other Hepatoma Lines.

2101 Amino Acid Transport in Rat Liver and Morris Hepatomas: Effect of Protein Diet and Hormones on the Uptake of α-Aminoisobutyric Acid-14C.

2116 Retention of 6-Mercaptopurine Derivatives by Intact Cells as an Index of Drug Response in Human and Murine Leukemias.
David Kessel and Thomas C. Hall.

2120 Formation of a Sigma Complex as a Hypothetical Rate-determining Step in the Carcinogenic Action of Unsubstituted Polycyclic Aromatic Hydrocarbons.
John D. Scribner.

2127 Brief Communications:
2-Phenylphenanthrene-3,3′-dicarboxylic Acid Is Not Bound to Mouse Skin Proteins after Application of 1,2,5,6-Dibenzanthracene: A Retraction.
Heino Diringer and Charles Heidelberger.

Sidney Weinhouse.

2131 Special Announcement:
Tenth International Cancer Congress Program Schedule for Preliminary Special Sessions.

COVER LEGEND

The cover this month calls attention to two husband-wife teams who have made outstanding contributions to our understanding of chemical carcinogenesis.


Illustrations of these investigator couples appear on the cover: left, the Millers, ca. 1960; right, a recent photograph of the Weisburgers.
Cancer Research

Updated version
Access the most recent version of this article at:
http://cancerres.aacrjournals.org/content/29/11.citation

E-mail alerts
Sign up to receive free email-alerts related to this article or journal.

Reprints and Subscriptions
To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

Permissions
To request permission to re-use all or part of this article, contact the AACR Publications Department at permissions@aacr.org.