Contents

Asterisks preceding page numbers refer to human studies.


2928 Robert J. Carrico and Magdalena Usategui-Gomez. The Isolation of Carcinoembryonic Antigen from Tumor Tissue at Neutral pH.

2935 R. L. Noble and Lucille Hoover. A Classification of Transplantable Tumors in Nb Rats Controlled by Estrogen from Dormancy to Autonomy.


2959 Charles C. Irving. Comparative Toxicity of N-Hydroxy-2-acetylaminofluorene in Several Strains of Rats.

2962 Larry A. Wheeler, Frances B. Soderberg, and Peter Goldman. The Reduction of N-Hydroxy-4-acetylaminobiphenyl by the Intestinal Microflora of the Rat.

2969 Sylvia J. Kerr. Interaction of Normal and Tumor Transfer RNA Methyltransferases with Ethionine-induced Methyl-deficient Rat Liver Transfer RNA.


2981 V. Michael Whitehead, Marlene M. Perrault, and Susan Stelcner. Tissue-specific Synthesis of Methotrexate Polyglutamates in the Rat.


2996 Potu N. Rao, Suneeta Mahagaokar, Emil J Freireich, Ti Li Loo, and Jeffery A. Gottlieb. Schedule-dependent Synergistic Cytotoxicity of Arabinofuranosylcytosine with Adriamycin or 3,6-Bis(5-chloro-2-piperidinyl)-2,5-piperazinedione in Cultured Cells.

3001 S. R. Harvey and T. M. Chu. Demonstration of Two Molecular Variants of Carcinoembryonic Antigen by Concanavalin A Sepharose Affinity Chromatography.


*3036 G. A. LePage, S. R. Naik, S. B. Katakka, and Abdul Khalil. 9-β-D-Arabinofuranosyladenine 5'-Phosphate Metabolism and Excretion in Humans.


S. Chandra and D. C. Laughlin. Virus-like Particles in Cystic Mammary Adenoma of a Snow Leopard.


E. Mandato, M. F. Meldolesi, and V. Macchia. Diminished Binding of Thyroid-stimulating Hormone in a Transplantable Rat Thyroid Tumor as a Possible Cause of Hormone Unresponsiveness.

Chu Yuan Lin, Stuart Smith, and S. Abraham. Fatty Acid Synthetase from a Mouse Mammary Adenocarcinoma.


Donald L. Hill. Microsomal Metabolism of Triazenylimidazoles.

Frank J. O'Neill. Selective Destruction of Cultured Tumor Cells with Uncontrolled Nuclear Division by Cytochalasin B and Cytosine Arabinoside.

U. Møller and J. Bojsen. Temperature and Blood Flow Measurements in and around 7,12-Dimethylbenz(a)anthracene-induced Tumors and Walker 256 Carcinomas in Rats.

Jozef Mendecki, Esther Friedenthal, Joseph Kochen, and Charles Botstein. The Effect of Dead Cells on the Activity of Actinomycin D against Mouse Sarcoma 180 Ascites.

H. Sugano, I. Sugano, K. Jimbow, and T. B. Fitzpatrick. Tyrosinase-mediated Inhibition of in Vitro Leucine Incorporation into Mouse Melanoma by 4-Isopropylcatechol.


Toshinori Ide, Masaki Nakane, and Toshiwo Andoh. Recovery of a DNA-Protein Complex in Cultured Mammalian Cells from Damage Caused by 4-Nitroquinoline 1-Oxide.

Nancy H. Coburn, Shigeko Lau, and Rebecca Head. Decrease of Epidermal Histidase Activity by Tumor-promoting Phorbol Esters.


Leo de Ridder, Marc Mareel, and Luc Vakaet. Adhesion of Malignant and Nonmalignant Cells to Cultured Embryonic Substrates.

Zbynek Brada, Norman H. Altman, and Stephan Bulba. The Effect of Cupric Acetate on Ethionine Metabolism.


Martin Segerling, Sarkis H. Ohanian, and Tibor Borsos. Enhancing Effect by Metabolic Inhibitors...
on the Killing of Tumor Cells by Antibody and Complement.

3204 Martin Segerling, Sarkis H. Ohanian, and Tibor Borsos. Effect of Metabolic Inhibitors on the Ability of Tumor Cells to Express Antigen and Bind Complement Components C4 and C3.

3209 Brief Communication: William Lijinsky and H. Wayne Taylor. Carcinogenicity of N-Nitroso-3,4-dichloro- and N-Nitroso-3,4-dibromopiperidine in Rats.

3212 Correspondence: Irwin D. J. Bross. Nathan Mantel and Marvin A. Schneiderman.


3224 Special Announcement: Annual Meeting of the American Association for Cancer Research, Inc.

3225 Announcement from the Editor.

3226 Announcements.

3228 Errata.

3229 Statement of Ownership

This issue consists of two parts. Part 2 contains the Proceedings of the Conference on Nutrition in the Causation of Cancer, sponsored jointly by the American Cancer Society and the National Cancer Institute.