



Cancer Research

The Official Organ of the American Association for Cancer Research, Inc.

Contents

- 2007** Glycolysis, Respiration, and Anomalous Gene Expression in Experimental Hepatomas: G. H. A. Clowes Memorial Lecture.
Sidney Weinhouse.
- 2017** Interference with Nucleoside Transport in Mouse Lymphoma Cells Proliferating in Culture.
C. T. Warnick, H. Muzik, and A. R. P. Paterson.
- 2023** A Randomized Clinical Trial of Daunorubicin and a Combination of Prednisone, Vincristine, 6-Mercaptopurine, and Methotrexate in Adult Acute Nonlymphocytic Leukemia.
Peter H. Wiernik and Arthur A. Serpick.
- 2027** Enhancement of Urinary Bladder Tumorigenesis in Hamsters by Coadministration of 2-Acetylaminofluorene and Indole.
Ryoichi Oyasu, Takuya Kitajima, Martin L. Hopp, and Hirotohi Sumie.
- 2034** Biochemical Mechanisms for the Synergism between 6-Thioguanine and 6-(Methylmercapto)purine Ribonucleoside in Sarcoma 180 Cells.
J. Arly Nelson and R. E. Parks, Jr.
- 2042** Persistent Binding of a New Reaction Product of the Carcinogen *N*-Hydroxy-*N*-acetylaminofluorene with Guanine in Rat Liver DNA *in Vivo*.
Erik Kriek.
- 2049** Urinary Excretion of Free and Conjugated Forms of 3-Hydroxyanthranilic Acid.
Mitsuo Watanabe, Kenichiro Minegishi, and Yoko Tsutsui.
- 2054** Colony Growth of Peripheral Blood Cells from Patients with Acute Lymphocytic Leukemia.
Terrance Mack, William A. Robinson, and Charlene P. Holton.
- 2058** Liver Microsomal Metabolism of Aflatoxin B₁ to a Reactive Derivative Toxic to *Salmonella typhimurium* TA 1530.
R. Colin Garner, Elizabeth C. Miller, and James A. Miller.
- 2067** Action of Tumor-inhibitory Gum Tragacanth on Potassium Permeability of Ascites Tumor Cells and Partial Characterization of the Cytotoxic Component.
E. M. F. Roe, Honor Smyth, and Eleanor Flahavan.
- 2075** Studies of Reticulum Cell Sarcoma in Hamsters.
Mariette J. Gerber and Eric R. Brown.
- 2082** The Synergistic Effect of Hypoglycemia and L-

Volume 32 / Number 10 / October 1972

- Asparaginase upon Transplantable Hepatomas of Varying Growth Rates.
F. F. Becker and K. M. Klein.
- 2085** The Kinetics of Decomposition of *N*-Alkyl Derivatives of Nitrosoguanidine.
J. J. Haga, B. R. Russell, and J. F. Chapel.
- 2086** Influence of Dietary Phenylalanine Deficiency on the Mammary Tumor Virus Activity in C3H Mice.
Y. H. Hui, K. B. DeOme, and G. M. Briggs.
- 2089** Effect of Cycloheximide on Regulatory Protein for Initiating Mammalian DNA Replication at the Nuclear Membrane.
Yoshisada Fujiwara.
- 2096** Responses of Bone Marrow and Tumor Cells to Acute and Protracted Irradiation.
Emilia Frindel, George M. Hahn, Danièle Robaglia, and Maurice Tubiana.
- 2104** Light and Electron Microscopic Studies of Tumors Induced by Small Plaque Variant of Chicken Embryo Lethal Orphan Virus.
V. Jasty, V. J. Yates, J. Anderson, R. E. Wolke, R. Pendola, and P. W. Chang.
- 2114** Antitumor Activity of a Folate-cleaving Enzyme, Carboxypeptidase G₁.
Bruce A. Chabner, Paul L. Chello, and Joseph R. Bertino.
- 2120** Comparative Studies on the Transport of Aminopterin, Methotrexate, and Methasquin by the L1210 Leukemia Cell.
Francis M. Sirotnak and Ruth C. Donsbach.
- 2127** Naturally Occurring and Induced Levels of Amino Acid Transport and Tyrosine Aminotransferase in Rats Bearing Morris Hepatomas.
David F. Scott, Fred R. Butcher, Van R. Potter, and Harold P. Morris.
- 2135** Endocrine Control of Cyclic Adenosine 3',5'-Monophosphate Levels in Several Morris Hepatomas.
Fred R. Butcher, David F. Scott, Van R. Potter, and Harold P. Morris.
- 2141** Control of the Adenosine 3',5'-Monophosphate-Adenyl Cyclase System in the Livers of Developing Rats.
Fred R. Butcher and Van R. Potter.
- 2148** Suppression of SV40 T Antigen in Transformed Hamster Cells by Chronic Treatment with 5-Bromo-2-deoxyuridine.
John W. Kreider, Bert Del Villano, William H. Shoff, and Eugene A. Davidson.

- 2156** Inhibition of Tumor Growth and Survival of Aged Mice Inoculated with Moloney Tumor Transplants and Treated with Endotoxin.
Helen R. Strausser and Loretta A. Bober.
- 2160** Anemia in Chickens with a Transplantable Lymphoid Tumor.
Francis W. Chandler, Jr., and Oscar J. Fletcher, Jr.
- 2167** Effect of Hepatoma Growth on the Utilization of Liver Glycogen in Rats.
Jerome S. Nisselbaum.
- 2172** Cell Loss and Proliferation Induced by *N*-2-Fluorenylacetamide in the Rat Liver in Relation to Hepatoma Induction.
Roy E. Albert, Fredric J. Burns, Lewis Bilger, David Gardner, and Walter Troll.
- 2178** The Effect of Chemotherapeutic Agents on the Incorporation of DNA Precursors by Experimental Brain Tumors.
William R. Shapiro.
- 2186** Heterotransplantation of Human Prostatic Adenoma Cells, MA160, into Nonimmunosuppressed Hamsters.
Alan V. Richman, Monroe M. Vincent, Elmer C. Martino, and Nicola M. Tauraso.
- 2190** Hormone Requirement for Growth and Differentiation of the Human Mammary Gland in Organ Culture.
Roberto L. Ceriani, Geneviève P. Contesso, and Berthe M. Nataf.
- 2197** Lack of Antigenicity of Mammary Tumors Induced by Carcinogens in a Nonantigenic Preneoplastic Lesion.
Zuleyma Tang Halpin, Jan Vaage, and Phyllis B. Blair.
- 2201** *In Vivo* and *in Vitro* Studies of the Influence of the Immune Status of C3Hf/Bu Mice on the Effectiveness of Local Irradiation of a Methylcholanthrene-induced Fibrosarcoma.
Mislav Jurin and Herman D. Suit.
- 2212** Leukocyte Chromosome Abnormalities in Advanced Nonhematopoietic Cancer.
Mary F. Bridge and Myron R. Melamed.
- 2221** Intracranial Fibroblastic Neoplasms in the Hamster from Bovine Papilloma Virus.
Martin G. Robl, D. E. Gordon, K. P. Lee, and Carl Olson.
- 2226** Autogenous Immunity to Endogenous RNA Tumor Virus Antigens in Mice with a Low Natural Incidence of Lymphoma.
M. G. Hanna, Jr., R. W. Tennant, J. M. Yuhas, N. K. Clapp, B. L. Batzing, and M. J. Snodgrass.
- 2235** The Return of Antimetabolite Sensitivity in Methotrexate- and 6-Mercaptopurine-resistant L1210 Murine Leukemia by the Process of Adaptive Selection.
Harry Wallerstein, Lewis M. Slater, Ben Eng, and Neil Calman.
- 2241** The Formalinization of Antibody to Tumor Cells in Altering the Immune Response.
Peter C. Ungaro, Walter P. Drake, and Michael R. Mardiney, Jr.
- 2248** The Effect of Vitamin A Acid on Glycoprotein Synthesis in Skin Tumors (Keratoacanthomas).
S. S. Levinson and George Wolf.
- 2253** The Carcinogenicity of Intravenous Nickel Carbonyl in Rats.
Thomas J. Lau, Raymond L. Hackett, and F. William Sunderman, Jr.
- 2259** Systemic Promoting Action of Phorbol in Liver and Lung Carcinogenesis in AKR Mice.
Vlasta Armuth and I. Berenblum.
- 2263** Carcinogenicity of Organic Fractions of Particulate Pollutants Collected in New York City and Administered Subcutaneously to Infant Mice.
S. Asahina, J. Andrea, A. Carmel, E. Arnold, Y. Bishop, S. Joshi, D. Coffin, and S. S. Epstein.
- 2269** Brief Communication:
Oral and Parenteral Activity of 2,2'-Anhydro-1- β -D-arabinofuranosyl-5-fluorocytosine against Both Intraperitoneally and Intracerebrally Inoculated Mouse Leukemia.
J. J. Fox, E. A. Falco, I. Wempen, D. Pomeroy, M. D. Dowling, and J. H. Burchenal.
- 2273** Special Announcement: Annual Meeting of the American Association for Cancer Research, Inc.
- 2274** Announcements.
- 2276** Errata.

Cancer Research

The Journal of Cancer Research (1916–1930) | The American Journal of Cancer (1931–1940)

32 (10)

Cancer Res 1972;32:2007-2276.

Updated version Access the most recent version of this article at:
<http://cancerres.aacrjournals.org/content/32/10.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, use this link <http://cancerres.aacrjournals.org/content/32/10.citation>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.