**Contents**

Asterisks preceding page numbers refer to human studies.


889 The Significance of Hematogenous Tumor Cell Clumps in the Metastatic Process. Lance Allen Liotta, Jerome Kleinerman, and Gerald M. Sadel.


901 The 7.1 S Nuclear DNA Polymerase and DNA Replication in Intact Liver. William E. Lynch, John Short, and Irving Lieberman.


917 Tumorigenicity of β-Phenylethylhydrazine Sulfate in Mice. Bela Toth.

922 High-Pressure Liquid Chromatographic Separation of 10 Benzo(a)pyrene Phenols and the Identification of 1-Phenol and 7-Phenol as New Metabolites. James K. Selkirk, Robert G. Croy, and Harry V. Gelboin.

927 Inhibitory Effect of Endotoxin on the Growth of Plasma Cell Tumor. Loretta A. Bober, Marie J. Kranepool, and Vincent P. Holland.

930 Increased Cell Killing by Metronidazole and Nitrofurazono of Hypoxic Compared to Aerobic Mammalian Cells. Jagjit K. Mohindra and Andrew M. Rauth.


*941 In Vitro Colony Formation of Transplantable Rat Leukemias in Comparison with Human Acute Myeloid Leukemia. D. W. van Bekkum, P. van Oosterom, and K. A. Dicke.

947 Dimethyl Sulfoxide-induced Enhancement of 7,12-Dimethylbenz[a]anthracene Metabolism and DNA Binding in Differentiating Mouse Epidermal Cell Cultures. Stuart H. Yuspa, Henry Hennings, Paul Dermer, and Delores Michael.

*952 The Effect of Levamisole on Cell-mediated Immunity and Suppressor-cell Function. Derek Sampson and Alec Lui.


964 Evaluation of Vitamin A Analogs in Modulating Epithelial Differentiation of 13-Day Chick Embryo Metatarsal Skin Explants. Lee J. Wilkoff, John C. Peckham, Elizabeth A. Dulmadge, Robert W. Mowry, and Dharam P. Chopra.


996 The Influence of Retinyl Acetate on the Postinitiation Phase of Preneoplastic Lung Nodules in Rats. P. Nettesheim, M. Virginia Cone, and C. Snyder.

*1003 Long-Term Organ Culture of Human Bronchial Epithelium. Lucy A. Barrett, Elizabeth M. McDowell, Arthur L. Frank, Curtis C. Harris, and Benjamin F. Trump.

*1011 Binding of [3H]Benzo(a)pyrene to DNA in Cultured Human Bronchus. Curtis C. Harris, Arthur L. Frank, Carolien van Haften, David G. Kaufman, Robert Connor, Frank Jackson, Lucy A. Barrett, Elizabeth M. McDowell, and Benjamin F. Trump.


1023 Inhibition of Two-Stage Carcinogenesis in Mouse Skin with Bis(2-chloroethyl)sulphide. Benjamin L. Van Duuren and Alvin Segal.


1049 Metastasizing Tumors from Serum-supplemented and Serum-free Cell Lines from a C57BL Mouse Lung Tumor. Leonard M. Franks, Anthony W. Carbonell, Valerie J. Hemmings, and Peter N. Riddle.

1056 Induction of Syncytia by the Bovine C-type Leukemia Virus. Clement A. Diglio and Jorge F. Ferrer.


*1074 Isonucleolinosis in Cell Cultures of Human Meningiomas. H. Zankl and R. Love.

1077 Immune Functions Characteristic of SJL/J Mice and Their Association with Age and Spontaneous Reticulum Cell Sarcoma. Marilyn Hescox Owens and Benjamin Bonavida.


1101 Carcinogenesis by Carbamic Acid Esters and Their Binding to DNA. Allan Walton Pound and Terence Anthony Lawson.

1108 Evidence of Repair of DNA Damage Induced by 4-Hydroxyaminoquinoline 1-Oxide in Guinea Pig Pancreatic Slices in Vitro. Zafar M. Iqbal, Mary Majdan, and Samuel S. Epstein.

1114 Combination Chemotherapy of L1210 Leukemia with 1-$\beta$-d-Arabinofuranosylcytosine and 5-Azacytidine. Gary L. Neil, A. E. Berger, B. K. Bhuyan, and D. C. DeSante.


1144 Role of the Adenylate Deaminase Reaction in Regulation of Adenine Nucleotide Metabolism in Ehrlich Ascites Tumor Cells. Astrid G. Chapman, Arnold L. Miller, and Daniel E. Atkinson.

1151 Kinetic Correlates of Methotrexate Transport and Therapeutic Responsiveness in Murine Tumors. F. M. Sirotnak and R. C. Donsbach.

1159 Electron Spin Resonance Spin-Label Studies of Intercalation of Ethidium Bromide and Aromatic
Amine Carcinogens in DNA. Sun-Joo Hong and Lawrence H. Plette.


1196 Microsomal N-Oxidation of the Hepatocarcinogen N-Methyl-4-aminoazobenzene and the Reactivity of N-Hydroxy-N-methyl-4-aminoazobenzene. Fred F. Kadlubar, James A. Miller, and Elizabeth C. Miller.

1207 Announcement from the Editor.

1208 Announcements.

1210 Erratum.
36 (3)


Updated version
Access the most recent version of this article at:
http://cancerres.aacrjournals.org/content/36/3.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.