CONTENTS†

Asterisks * preceding page numbers refer to studies using human-derived material.

Special Lecture


BASIC SCIENCES


*25 Metabolic Oxidation of the Carcinogens 4-Aminobiphenyl and 4,4'-Methylene-bis(2-chloroaniline) by Human Hepatic Microsomes and by Purified Rat Hepatic Cytochrome P-450 Monooxygenases. Mary Ann Butler, F. Peter Guengerich, and Fred F. Kadlubar.


*44 Inhibition of Moloney Murine Lymphoma and Sarcoma Growth in Vivo by Dietary Retinoids. Dirck L. Dillehay, Y. Fulmer Shealy, and Eddie W. Lamon.

*51 Secreted and Cellular Polypeptide Patterns of MCF-7 Human Breast Cancer Cells following either Estrogen Stimulation or v-H-ras Transfection. Peter J. Worland, Diane Bronzert, Robert B. Dickson, Marc E. Lippman, Lori Hampton, Snorri S. Thorgeirsson, and Marc E. Debbas.


*63 Effects of Serum, Transforming Growth Factor Type β, or 12-O-Tetradecanoylphorbol-13-acetate on Ionized Cytosolic Calcium Concentration in Normal and Transformed Human Bronchial Epithelial Cells. Masao Miyashita, Mary W. Smith, James C. Willey, John F. Lechner, Benjamin F. Trump, and Curtis C. Harris.

*68 Anticancer Drugs as Inhibitors of Two Polymorphic Cytochrome P450 Enzymes, Debrisqosin and Methylenhydroxyrase, in Human Liver Microsomes. Mary V. Relling, William E. Evans, Raymonde Fonné-Pfister, and Urs A. Meyer.


*81 Molecular Analysis of Spontaneous Hypoxanthine Phosphoribosyltransferase Mutations in Thioguanine-resistant HL-60 Human Leukemia Cells. Raymond J. Monnat, Jr.

88 Significance of Purine Salvage in Circumventing the Action of Antimetabolites in Rat Hepatoma Cells. Yutaka Natsumeda, Tadashi Ikemari, Edith Olah, and George Weber.

*93 Immunoanalytical Detection of O*-Ethylthymine in Liver DNA of Individuals with or without Malignant Tumors. Nam-ho Huh, Masahiko S. Satoh, Junji Shiga, Manfred F. Rajewsky, and Toshio Kuroki.

98 Response of Cultured Hepatocytes to a Hepatototigogen after Initiation by Conditioned Medium or Other Factors. Peter Ove, Antonio Francavilla, Mona L. Coetzee, Leonard Makowka, and Thomas E. Starzl.


127 Cytotoxicity and DNA Damage Caused by the Azoxy Metabolites of Procarbazine in L1210 Tumor Cells. John M. Erikson, Donald J. Tweedie, Jonathan M. Ducrose, and Russell A. Prough.


139 Metabolism of Retinoic Acid in N-Methyl-N-nitrosourea-induced Mammary Carcinomas in Rats. Pangala V. Bhát and André Lacroix.


† The CONTENTS arranged by Subject Category can be found immediately following these CONTENTS.
Characterization of DNA Damage and Cytotoxicity Induced in Two Human Colon Carcinoma Cell Lines by Cyclodisone. Neil W. Gibson.


Human DNA Damage Induced by 1,2,4-Benzeneetriol, a Benzene Metabolite. Shosuke Kawanishi, Sumiko Inoue, and Michiko Kawanishi.


Human DNA Damage Induced by 1,2,4-Benzenetriol, a Benzene Metabolite. Shosuke Kawanishi, Sumiko Inoue, and Michiko Kawanishi.


Two Human Monoclonal Antibodies Reacting with the Major Gangliosides of Human Melanomas and Comparison with Corresponding Mouse Monoclonal Antibodies. Koichi Furukawa, Hiroshi Yamaguchi, Herbert F. Oettgen, Lloyd J. Old, and Kenneth O. Lloyd.


Requirement of the Na+/H+ Exchanger for Tumor Growth. Daniela Rotin, Darlene Steele-Norwood, Sergio Grinstein, and Ian Tannock.


Influence of Schedule of Interleukin 2 Administration on Therapy with Interleukin 2 and Lymphokine Activated Killer Cells. John A. Thompson, Douglas J. Lee, Catherine G. Lindgren, Lynn A. Benz, Carolyn Collins, William P. Shuman, Daniel Levitt, and Alexander Fefer.


Colonie Epithelial Cell Proliferation in Responders and Nonresponders to Supplemental Dietary Calcium. Martin Lipkin, Eileen Friedman, Sidney J. Winawer, and Harold Newmark.

Announcements

Eightieth Annual Meeting of the AACR
AACR Special Conferences in Cancer Research
Future Annual Meetings of the AACR
Collected Perspectives in Cancer Research
Calendar of Events

Erratum
Cancer Research


49 (1)


Updated version  Access the most recent version of this article at: http://cancerres.aacrjournals.org/content/49/1.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.

Downloaded from cancerres.aacrjournals.org on April 12, 2017. © 1989 American Association for Cancer Research.