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-chloroanililene) 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 Peter J. Wirth.


*63 Effects of Serum, Transforming Growth Factor Type β, or 12-O-Tetradecanoylphorbol-13-acetate on Ionized 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, Debrisoquin and Mephenytoin Hydroxylase, 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 Ikegami, Edith Olah, and George Weber.

93 Immunological 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 Hepatotoxin after Initiation by Conditioned Medium or Other Factors. Peter Ove, Antonio Francavilla, Mona L. Coetzee, Leonard Makowa, 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. Durose, and Russell A. Prough.


139 Metabolism of Retino! and Retinoic Acid in N-Methyl-N-nitroso-urea-induced Mammary Carcinomas in Rats. Pangala V. Bhat 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-Benzotriol, a Benzene Metabolite. Shosuke Kawanishi, Sumiko Inoue, and Michiko Kawanishi.


Human DNA Damage Induced by 1,2,4-Benzotriol, 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.


NOTE: AACR forms available in the back of this issue—
- 1989 Employment Register Forms and Instructions
- Application for Associate Membership
- Advance Registration Form for the 80th Annual Meeting

CLINICAL AND EPIDEMIOLOGICAL INVESTIGATIONS

Incidence of Adult T-Cell Leukemia/Lymphoma among Human T-Lymphotropic Virus Type I Carriers in Saga, Japan. Shinkan Tokudome, Osamu Tokunaga, Yoshinori Shimamoto, Yuichi Miyamoto, Ikru Sumida, Masahiro Kituchi, Morishige Takeshita, Takayoshi Ikeda, Koichi Fujiiwara, Masatoshi Yoshitahara, Takashi Yanagawa, and Masahiro Nishizumi.


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

Instructions for Authors

Author Index
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, use this link http://cancerres.aacrjournals.org/content/49/1.citation. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site. |