Contents

Asterisks preceding page numbers refer to human studies.


4250 Inhibition of L-Fucose Incorporation into Glycoprotein of Sarcoma 180 Ascites Cells by 6-Thioguanine. John Stephen Lazo, Kou M. Hwang, and Alan C. Sartorelli.


4261 Tissue Changes Resulting from the Injection of γ-irradiated Cells into the Gynogenetic Teleost, Poecilia formosa. A. D. Woodhead, R. B. Setlow, and R. W. Hart.

*4267 Surface Antigenic Characteristics of Human Glial Brain Tumor Cells. Carol J. Wikstrand, Moses S. Mahaley, and Darel D. Bigner.


4291 Separation of Cells from Mouse Solid Tumors by Centrifugal Elutriation. Marvin L. Meistrich, David J. Grdina, Raymond E. Meyn, and Barthel Barlogie.


4304 Carcinogen-Protein Complexes in Liver during Hepatocarcinogenesis by Aflatoxin B1. Kumar D. Mainigi and Sam Sorof.


*4332 Rosette Formation and Inhibition in Cervical Dysplasia and Carcinoma in Situ. Shoichi Sawanobori, Robert B. Ashman, André J. Nahmias, Benedict B. Benigno, and Mariano F. LaVia.


4352 Morphogenesis of Early 1,2-Dimethylhydrazine-induced Lesions and Latent Period Reduction of...
Colon Carcinogenesis in Mice by a Variant of *Citrobacter freundii*. Stephen W. Barthold and Albert M. Jonas.

4361 Kinetics of Cell Proliferation and Polyamine Synthesis during Ehrlich Ascites Tumor Growth. Gunnar Andersson and Olle Heby.

4367 Cellular Attachment to Implanted Foreign Bodies in Relation to Tumorigenesis. Donald J. Ferguson.


4378 Influence of Phenobarbital on Microspherule Production by Urethan in Mouse Hepatocyte Nucleoli. Luciano Lombardi.

4382 Effects of 6-Azauridine on Nucleotides, Orotic Acid, and Orotidine in L5178Y Mouse Lymphoma Cells in Vitro. Claude M. Janeway and Sungman Cha.

4389 Effect of Methotrexate and 5-Fluorodeoxyuridine on Ribonucleotide Reductase Activity in Mammalian Cells. Howard L. Elford, Ernest L. Bonner, Bonnie H. Kerr, Stephan D. Hanna, and Mark Smulson.

4395 Membranous Effects on Adenosine Triphosphatase Activities of Mitochondria from Rat Liver and Morris Hepatoma 3924A. Ronald L. Melnick, Richard M. Hanson, and Harold P. Morris.

4400 Correlation of DNA Distribution Abnormalities with Cytogenetic Findings in Human Adult Leukemia and Lymphoma. Barthel Barlogie, Walter Hittelman, Gary Spitzer, José M. Trujillo, Jacqueline S. Hart, Leslie Smallwood, and Benjamin Drewinko.


4416 Enhanced Induction of Immune Resistance by Concanavalin A-bound L1210 Vaccine and an Immunopotentiator Prepared from *Corylus versicolor*. Tateshi Kataoka, Fujiko Oh-hashi, Shigeru Tsukagoshi, and Yoshio Sakurai.


4423 Inhibition of Surface Immunoglobulin Central Capping of Daudi Cells and Cell Spreading of HeLa-S3 Cells by Neocarzinostatin. Takusaburo Ebina, Masanobu Satake, and Nakao Ishida.

4430 2,3-Dihydro-2-(guan-7-yl)-3-hydroxy-aflatoxin B₁, a Major Acid Hydrolysis Product of Aflatoxin B₁ DNA or -Ribosomal RNA Adducts Formed in Hepatic Microsome-mediated Reactions and in Rat Liver in Vivo. Jen-Kun Lin, James A. Miller, and Elizabeth C. Miller.


*4449 Tumor-associated Immunoglobulins in Pulmonary Carcinoma. Bruno Gerstl, Lawrence F. Eng, and John W. Bigbee.

4456 Long-Term Effects of Prenatal and Neonatal Administration of 5β-Dihydrotestosterone on Normal and Neoplastic Mammary Development in Mice. Reiko Yanai, Takao Mori, and Hiroshi Nagasawa.

4460 Damage and Repair of DNA in Cultured Mammalian Cells with N-Diazoacetylglycine Amide. Silvio Parodi, Claudia Bolognesi, Marco Cavanna, Robert L. Pollack, Leonardo Santi, and Giovanni Brambilla.


4493 Adenylate Cyclase, Cyclic Adenosine 3′:5′-Monophosphate Phosphodiesterase, and Regression of Walker 256 Mammary Carcinoma. Yoon Sang Cho-Chung and Susanne F. Newcomer.

4500 Modifications of 3′-Methyl-4-dimethylaminoazobenzene Carcinogenesis of Rat Liver and Carcinogen Metabolism by Portacaval Anastomosis.
Jean-Baptiste Ricco, Dominique Franco, Joëlle Morin, Françoise Decloître, and Henri Bismuth.

*4506 Duration of the Dormant State in an Established Cell Line of Human Hematopoietic Cells. Bayard D. Clarkson, Jerrold Fried, Ting-Chao Chou, Anabel Strife, Ronald Ferguson, Susan Sullivan, Takeshi Kitahara, and Atsushi Oyama.


4532 Inhibition of Concanavalin A Stimulation of Feline Lymphocytes by Inactivated Feline Leukemia Virus. Lynn C. Hebebrand, Lawrence E. Mathes, and Richard G. Olsen.


4572 In Vivo Formation of N-Nitroso Compounds and Detection of Their Mutagenic Activity in the Host-mediated Assay. Rolf Braun, Jörg Schöneich, and Dieter Ziebarth.


4590 An Apparent Inactivation of Initiated Cells by the Potent Inhibitor of Two-Stage Mouse Skin Tumorigenesis, Bis(2-chloroethyl)sulfide. Lawrence M. De Young, R. A. Mufson, and R. K. Boutwell.

4595 Improved Growth of In Vitro Colonies in Human Acute Leukemia Using the Feeding Culture Method. Chan H. Park, Michael A. Savin, Barth Hoogstraten, Mammo Amare, and Peter Hathaway.


*4608 Comparative Epidemiology of Tobacco-related Cancers. Ernst L. Wynder and Steven D. Stellman.

*4623 A Phase 1 and 2 Trial of Rubidazone in Patients with Acute Leukemia. Robert S. Benjamin, Michael J. Keating, Kenneth B. McCredie, Gerald P. Bodey, and Emil J Freireich.

4629 Decreased Retention of Actinomycin D as the Basis for Cross-Resistance in Anthracycline-resistant Sublines of P388 Leukemia. Makoto Inaba and Randall K. Johnson.


4641 Effect of Insulin and Estrogen on Hormone Binding in the R3230AC Mammary Adenocarcinoma. Samir M. Shafie, Scott L. Gibson, and Russell Hilf.


*4660 In Vitro Immunization against Human Tumor Cells with Tumor Cell Fractions. Brahma Sharma.

