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4253 Seminal Ribonuclease Inhibits Tumor Growth and Reduces the Metastatic Potential of Lewis Lung Carcinoma. Paolo Laccetti, Daniela Spalletti-Cernia, Giuseppe Portella, Paola De Corato, Giuseppe D’Alessio, and Giancarlo Vecchio.


4274 A Tumor Suppressor Gene on Chromosome 1p32–pter Controls the Amplification of MYC Family Genes in Breast Cancer. Ivan Bieche, Marie-Hélène Champêne, and Rosette Lidereau.


4281 Prostatic Tumor Regrowth after Initially Successful Castration Therapy May Be Related to a Decreased Apoptotic Cell Death Rate. Marene Landström, Jan-Erik Damber, and Anders Bergh.


4289 Simultaneous Analysis of DNA Replication and Apoptosis during Treatment of HL-60 Cells with Camptothecin and Hyperthermia and Mitogen Stimulation of Human Lymphocytes. Xun Li, Frank Traganos, and Zbigniew Darzynkiewicz.


4299 Amplification of Multiple Genes from Chromosomal Region 12q13-14 in Human Malignant Gliomas: Preliminary Mapping of the Amplified Genes Preferential Involvement of CDK4, SAS, and MDM2. Guido Reifenberger, Julia Reifenberger, Koichi Ichimura, Paul S. Meltzer, and V. Peter Collins.

4304 Distribution of Intestine-associated Lymphoid Tissue, Aberrant Crypt Foci, and Tumors in the Large Bowel of 1,2-Dimethylhydrazine-treated Mice. John W. Carter, Hugh K. Lancaster, W. Elaine Hardman, and Ivan L. Cameron.


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4321 Effect of Modulators on 5-Fluorouracil Metabolite Patterns in Murine Colon Carcinoma Determined by In Vitro 19F Nuclear Magnetic Resonance Spectroscopy. Yvonne J. L. Kamm, Ivonne M. C. M. Rietjens, Jacques Vervoort, Arnd Heerschap, Gert Rosenbusch, Henny P. Hofs, and D. J. Theo Wagenet.

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4354 p53 Tumor Suppressor Gene Mutation in Early Esophageal Preneoplastic Lesions and Carcinoma among High-Risk Populations in Henan, China. Hongkun Gao, Li-Dong Wang, Qi Zhou, Jun-Yan Hong, Tong-Yuh Huang, and Chung S. Yang.

Clinical Investigations

4355 Paclitaxel Inhibits Progression of Mitotic Cells to G1 Phase by Interference with Spindle Formation without Affecting Other Microtubule Functions during Anaphase and Telophase. Byron H. Long and Craig R. Fairchild.

Experimental Therapeutics


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Extended Depletion of O6-Methylguanine-DNA Methyltransferase Activity following O6-Benzyl-2'-deoxyguanosine or O6-Benzylguanine Combined with Streptozotocin Treatment Enhances 1,3-Bis(2-chloroethyl)-1-nitrosourea Cytotoxicity. Upendra K. Karathi, M. Eileen Dolan, and Leonard C. Erickson.

Monoclonal Antibody Delivery to Intraperitoneal Tumors in Rats: Effects of Route of Administration and Intraperitoneal Solution Osmolarity. Michael F. Flessner and Robert L. Dedrick.

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Chemotherapy with [SP-4-3-(R)-(1,1-Cyclobutanedicarboxylato-(2-)](2-methyl-1,4-butanediamine-\(\text{N},\text{N}'\))platinum (CI-973, NK121) in Combination with Standard Agents against Murine Tumors in Vivo. William L. Elliott, Billy J. Roberts, Curtis T. Howard, and Wilbur R. Leopold III.

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Characterization of Cloned Class I MHC-restricted, CD8\(^+\) Anti-Meth A Cytotoxic T-Lymphocytes: Recognition of an Epitope Derived from the Meth A gp100 Tumor Rejection Antigen. Maria Antonia Fassanito, Douglas Loftus, Rita M. De Leo, Lloyd W. Law, Etorre Appella, and Albert B. De Leo.


Molecular Biology and Genetics

In Vivo Mutational Spectrum of Affatoxin B\(_1\) in the Human Hypoxanthine Guanine Phosphoribosyltransferase Gene. Neal F. Cariello, Lisa Cui, and Thomas R. Skopek.


Database and Software for the Analysis of Mutations in the Human p53 Gene. Neal F. Cariello, Lisa Cui, Christophe Beroud, and Thierry Soussi.


Deficiency of Queuine, a Highly Modified Purine Base, in Transfer RNAs from Primary and Metastatic Ovarian Malignant Tumors in Women. Wlodzimierz Baranowski, Guy Dirheimer, Jerzy Andrzej Jakowicki, and Gérard Keith.


Cloning and Sequence Analysis of the Promoter Region of the MRP Gene of HL60 Cells Isolated for Resistance to Adriamycin. Qichao Zhu and Melvin S. Center.


3-Methylcholanthrene Inactivates the p53 Gene in Syrian Hamster Embryo Fibroblasts by Inducing a Specific Intronic Point Mutation. Amador Albor, Denise M. Flessare, Thierry Soussi, and Vicente Notario.

PML/RARA\(^+\) U937 Mutant and NB4 Cell Lines: Retinoic Acid Restores the Monocytic Differentiation Response to Vitamin D\(_3\), Ugo Testa, Francesco Grignani, Tiziano Barberi, Marta Fagioli, Rosalba Masciulli, Pier Francesco Ferrucci, Davide Seripa, Antonio Camagna, Myriam Alcalay, Pier Giuseppe Pelici, and Cesare Peschle.

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Hyaluronic Receptors Are Expressed on Human Malignant Mesothelioma Cells but not on Normal Mesothelial Cells. Tomas Asplund and Paraskevi Heldin.


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