


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

4277 ALL-1 Tandem Duplication in Acute Myeloid Leukemia with a Normal Karyotype Involves Homologous Recombination between Alu Elements. Steven A. Schichman, Michael A. Caligiuri, Matthew P. and Olli-P. Kallioniemi.

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.

4285 Unscheduled Expression of Cyclin Bl and Cyclin E in Several Leukemic and Solid Tumor Cell Lines. Jianping Gong, Barbara Ardelt, Frank Traganzos, and Zbyniew Darzynkiewicz.

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 Traganzos, and Zbyniew Darzynkiewicz.


4299 Amplification of Multiple Genes from Chromosomal Region 12q13-14 in Human Malignant Gliomas: Preliminary Mapping of the Ampllicons Shows 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.


Carcinogenesis


4342 $p53$ Tumor Suppressor Gene Mutation in Early Esophageal Precancerous 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


Experimental Therapeutics

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

4362 Radioimmunotherapy of Nude Mice Bearing a Human Interleukin 2 Receptor $\alpha$-expressing Lymphoma Utilizing the $\alpha$-emitting Radioisotope-conjugated Monoclonal Antibody $^{212}$Bi-anti-Tac. Frank Hartmann, Eva M. Horak, Kayhan Garmestani, Chaunchu Wu, Martin W. Brechbiel, Robert W. Kozak, J. Tso, Sheri A. Kostiney, Otto A. Gansow, David L. Nelson, and Thomas A. Waldmann.
4371 Extended Depletion of 06-Methylguanine-DNA Methyltransferase Activity following 06-Benzyl-2'-deoxyguanosine or 06-Benzylgua-
nine Combined with Streptozotocin Treatment Enhances 1,3-Bis(2-

4376 Monoclonal Antibody Delivery to Intraperitoneal Tumors in Rats: Effects of Route of Administration and Intraperitoneal Solution Osmolarity. Michael F. Flessner and Robert L. Dedrick.

4385 Comparative Gompertzian Analysis of Alterations of Tumor Growth Patterns. Ioannis D. Bussakas.


4405 Induction of M, 78,000 Glucose-regulated Stress Protein in Poly-

4412 Chemotherapy with [SP-4-3-(R)-(1,1-Cyclobutanedicarboxylato-
(2-)](2-methyl-1,4-butenediamine-N,N')platinum (ClI-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.

Immunology

4419 Intraperitoneal Production of Interleukin 6 during Mesothelioma and Its Modulation by y-Interferon Treatment. Gianpaola Monti, Marie-Claude Jaurand, Isabelle Monnet, Pascale Chateney, Laura Saint-Etiennne, Lin Zeng, Alain Portier, Philippe Devillier, Pierre Galanau, Jean Bignon, and Dominique Emilie.

4424 Characterization of Cloned Class I MHC-restricted, CDB+ Anti-

4430 Abnormal Cytokine Expression in Sézary and Adult T-Cell Leu-

Molecular Biology and Genetics


4442 Retrovirus-mediated Gene Transfer of Rat Glutathione S-Trans-
ferase Ye Confers Alkylation Drug Resistance in NIH 3T3 Mouse Fibroblasts. Mona Greenbaum, Sylvain Létourneau, Homa Assar, Robyn L. Schecter, Gerald Batist, and Denis Cournoyer.


4454 Database and Software for the Analysis of Mutations in the Human p53 Gene. Neal F. Cariello, Lisa Cui, Christophe Beroud, and Thierry Soussi.

4461 Functional Analysis of the 5'-Flanking Region of the Human Gas-

4468 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.


4488 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.


4502 3-Methylcholanthrene Inactives the p53 Gene in Syrian Hamster Embryo Fibroblasts by Inducing a Specific Intronic Point Muta-
tion. Amador Albor, Denise M. Flessat, Thierry Soussi, and Vicente Notario.

4508 PML/RARα U937 Mutant and NB4 Cell Lines: Retinoid Acid Restores the Monocytic Differentiation Response to Vitamin D3. Ugo Testa, Francesco Grignani, Tiziano Barberi, Marta Fagioli, Rosalba Masciulli, Pier Francesco Ferrucci, Davide Seripa, Antonio Camagna, Myriam Alcalay, Pier Giuseppe Pellici, and Cesare Peschle.

Tumor Biology

4516 Hyaluronic Receptors Are Expressed on Human Malignant Me-
sothelioma Cells but not on Normal Mesothelial Cells. Tomas Asplund and Paraskievich Heldin.

4524 Capacity of Individual Chronic Lymphatic Leukemia Lympho-
cytes and Leukemic Blast Cells for Repair of 06-Ethyguanine in DNA: Relation to Chemosensitivity in vivo and Treatment Out-
come. Mark R. Müller, Frank Seiler, Jürgen Thomale, Claudia Buschfort, Manfred F. Rajewsky, and Siegfried Seeger.


4539 Normal Human Tissues, in Addition to Some Tumors, Express Multiple Different CD44 Isoforms. Stephen B. Fox, Jonathan Fawcett, David G. Jackson, Ian Collins, Kevin C. Gatter, Adrian L. Harris, Andrew Gearing, and David L. Simmons.

4547 Plasminogen Activation in Melanocytic Neoplasia. Catherine Delfosso, Isabelle Masouye, Jean-Hilaire Saurat, Jean-Dominique Vassalli, and André-Pascal Sappino.
4553 Announcements
Future Annual Meetings of the AACR
Gertrude Elion Cancer Research Award
New Privileges and Responsibilities of Corresponding Membership
Broadening of Associate Membership
AACR Special Conferences in Cancer Research
Recent Death
Calendar of Events

4555 Erratum

4556 Author Index

AAPR forms available in the back of this issue:
Application for Active and Corresponding Membership
Application for Associate Membership

Also available in the back of this issue:
Guidelines for Submitting Disks to AACR Publications