



CONTENTS

Advances in Brief

- 4447 Real-Time Monitoring of Estrogen-regulated Gene Expression in Single, Living Breast Cancer Cells: A New Paradigm for the Study of Molecular Dynamics.** Scott T. Willard, William J. Faught, and L. Stephen Frawley.
- 4451 Loss of Amino Acids ¹⁴⁹⁰Lys-Ser-Lys¹⁴⁹² in the COOH-Terminal Region of Topoisomerase II α in Human Small Cell Lung Cancer Cells Selected for Resistance to Etoposide Results in an Extracellular Enzyme Localization.** Irene Wessel, Peter B. Jensen, Jacob Falck, Shelagh E. L. Mirski, Susan P. C. Cole, and Maxwell Sehested.
- 4455 Coding Region of *NKX3.1*, a Prostate-Specific Homeobox Gene on 8p21, Is Not Mutated in Human Prostate Cancers.** H. James Voeller, Meena Augustus, Victor Madike, G. Steven Bova, Kenneth C. Carter, and Edward P. Gelmann.
- 4460 Expression of a Dominant-Negative Retinoic Acid Receptor Construct Reduces Retinoic Acid Metabolism and Retinoic Acid-Induced Inhibition of NIH-3T3 Cell Growth.** Masahiro Isogai, Maria V. Chiantore, Moneera Haque, Giorgio Scita, and Luigi M. De Luca.
- 4465 Induction of Antitumor Cytotoxic T Lymphocytes with a MAGE-3-encoded Synthetic Peptide Presented by Human Leukocytes Antigen-A24.** Fumiaki Tanaka, Tatsuo Fujie, Kouichirou Tahara, Masaki Mori, Kazutoh Takesako, Alessandro Sette, Esteban Celis, and Tsuyoshi Akiyoshi.
- 4469 Inactivation of *H19*, an Imprinted and Putative Tumor Repressor Gene, Is a Preneoplastic Event during Wilms' Tumorigenesis.** Hengmi Cui, Fredrik Hedborg, Liangmei He, Agneta Nordenskjöld, Bengt Sandstedt, Susan Pfeifer-Ohlsson, and Rolf Ohlsson.
- 4474 p53 Does Not Repress Hypoxia-induced Transcription of the Vascular Endothelial Growth Factor Gene.** Faton Agani, David G. Kirsch, Scott L. Friedman, Michael B. Kastan, and Gregg L. Semenza.
- 4478 Mutations in β -Catenin Are Uncommon in Colorectal Cancer Occurring in Occasional Replication Error-positive Tumors.** Maria N. Kitaeva, Liam Grogan, John P. Williams, Eileen Dimond, Kenneth Nakahara, Petr Hausner, John W. DeNobile, Peter W. Soballe, and Ian R. Kirsch.
- 4482 Sustained Accumulation of the Mitotic Cyclins and Tyrosine-phosphorylated p34^{cdc2} in Human G₁-S-arrested Cancer Cells but not Untransformed Cells.** Thérèse David-Pfeuty and Yolande Nouvian-Dooghe.
- 4488 Induction of Apoptosis in Cisplatin-sensitive and -resistant Human Ovarian Cancer Cell Lines.** Karen M. Henkels and John J. Turchi.
- 4493 *GOK*: A Gene at 11p15 Involved in Rhabdomyosarcoma and Rhabdoid Tumor Development.** Silvia Sabbioni, Giuseppe Barbanti-Brodano, Carlo M. Croce, and Massimo Negrini.

Regular Articles

Carcinogenesis

- 4498 Ah Receptor Regulation of CYP1B1 Expression in Primary Mouse Embryo-derived Cells.** David L. Alexander, Sakina E. Eltom, and Colin R. Jefcoate.
- 4507 The Incidence of Aberrant Crypt Foci and Colonic Carcinoma in Dimethylhydrazine-treated Rats Varies in a Site-specific Manner and Depends on Tumor Histology.** Hyun-Sook Park, Robert A. Goodlad, and Nicholas A. Wright.

Endocrinology

- 4511 Regulation of Androgen-dependent Prostatic Cancer Cell Growth: Androgen Regulation of *CDK2*, *CDK4*, and *CKI p16* Genes.** Shan Lu, Sophia Y. Tsai, and Ming-Jer Tsai.
- 4517 Induction of Parathyroid Hormone-related Peptide by the *Ras* Oncogene: Role of *Ras* Farnesylation Inhibitors as Potential Therapeutic Agents for Hypercalcemia of Malignancy.** Fasika Aklilu, Morag Park, David Goltzman, and Shafaat Ahmed Rabbani.

Epidemiology and Prevention

- 4523 Microsatellite Instability in Gastric Cancer Is Associated with Tumor Location and Family History in a High-Risk Population from Tuscany.** Laura Ottini, Domenico Palli, Mario Falchetti, Cristina D'Amico, Andrea Amorosi, Calogero Saieva, Anna Calzolari, Federica Cimoli, Caterina Tatarelli, Laura De Marchis, Giovanna Masala, Renato Mariani-Costantini, and Alessandro Cama.

Experimental Therapeutics

- 4530 Antitumor Activity of Carcinoma-reactive BR96-Doxorubicin Conjugate against Human Carcinomas in Athymic Mice and Rats and Syngeneic Rat Carcinomas in Immunocompetent Rats.** Hans Olov Sjögren, M. Isaksson, David Willner, Ingegerd Hellström, Karl Erik Hellström, and Pamela A. Trail.
- 4537 Tumor-targeted *Salmonella* as a Novel Anticancer Vector.** John M. Pawelek, K. Brooks Low, and David Bermudes.
- 4545 19-nor-Hexafluoride Analogue of Vitamin D₃: A Novel Class of Potent Inhibitors of Proliferation of Human Breast Cell Lines.** Michiaki Koike, Elena Elstner, Moray J. Campbell, Hiroya Asou, Milan Uskokovic, Nobuyoshi Tsuruoka, and H. Phillip Koeffler.
- 4551 Photodynamic Therapy Using a Protoporphyrinogen Oxidase Inhibitor.** Victor H. Fingar, T. Jeffery Wieman, Kimberly S. McMahon, Pamela S. Haydon, Blaik P. Halling, Debra A. Yuhas, and James W. Winkelman.
- 4557 Interleukin 18 Induces the Sequential Activation of Natural Killer Cells and Cytotoxic T Lymphocytes to Protect Syngeneic Mice from Transplantation with Meth A Sarcoma.** Mark J. Micalef, Tadao Tanimoto, Keizo Kohno, Masao Ikeda, and Masashi Kurimoto.
- 4564 Aclacinomycin A Stabilizes Topoisomerase I Covalent Complexes.** John L. Nitiss, Philippe Pourquier, and Yves Pommier.

Immunology

- 4570 Identification of an Enhancer Agonist Cytotoxic T Lymphocyte Peptide from Human Carcinoembryonic Antigen.** Sam Zaremba, Elena Barzaga, Mingzhu Zhu, Nirmolini Soares, Kwong-Yok Tsang, and Jeffrey Schlom.

Molecular Biology and Genetics

- 4578 High Levels of Expression and Nuclear Localization of Interleukin-1 β Converting Enzyme (ICE) and CPP32 in Favorable Human Neuroblastomas.** Akira Nakagawara, Yohko Nakamura, Hitoshi Ikeda, Takaki Hiwasa, Keisuke Kuida, Michael S-S. Su, Huaqing Zhao, Avital Cnaan, and Shigeru Sakiyama.
- 4585 Previously Hidden Chromosome Aberrations in T(12;15)-positive BALB/c Plasmacytomas Uncovered by Multicolor Spectral Karyotyping.** Allen E. Coleman, Evelin Schröck, Zoë Weaver, Stan du Manoir, Fangteng Yang, Malcolm A. Ferguson-Smith, Thomas Ried, and Siegfried Janz.
- 4593 Humanization of an Anti-Vascular Endothelial Growth Factor Monoclonal Antibody for the Therapy of Solid Tumors and Other Disorders.** Leonard G. Presta, Helen Chen, Shane J. O'Connor, Vanessa Chisholm, Y. Gloria Meng, Lynne Krummen, Marjorie Winkler, and Napoleone Ferrara.
- 4600 A DNA Double-Strand Break Defective Fibroblast Cell Line (180BR) Derived from a Radiosensitive Patient Represents a New Mutant Phenotype.** Christophe Badie, Michele Goodhardt, Alastair Waugh, Noëlle Doyen, Nicolas Foray, Patrick Calsou, Belinda Singleton, David Gell, Bernard Salles, Penny Jeggo, Colin F. Arlett, and Edmond-Philippe Malaise.

- 4608 Alterations of the Cyclin D1/p16-pRB Pathway in Mantle Cell Lymphoma.** Martin H. Dreyling, Lars Bullinger, German Ott, Stephan Stilgenbauer, Hans K. Müller-Hermelink, Martin Bentz, Wolfgang Hiddemann, and Hartmut Döhner.
- 4615 Genomic Imprinting and *Igf2* Influence Liver Tumorigenesis and Loss of Heterozygosity in SV40 T Antigen Transgenic Mice.** Ramsi Haddad and William A. Held.
- 4624 Loss of β -Catenin Regulation by the APC Tumor Suppressor Protein Correlates with Loss of Structure Due to Common Somatic Mutations of the Gene.** Bonnee Rubinfeld, Iris Albert, Emilio Porfiri, Susan Munemitsu, and Paul Polakis.
- 4631 Re-expression of *elafin* in 21MT2 Breast Carcinomas by Phorbol 12-Myristate 13-Acetate Is Mediated by the Ap1 Site in the *elafin* Promoter.** Ming Zhang, David Magit, Arthur B. Pardee, and Ruth Sager.
- 4637 Hypermutability of UV-treated Plasmids in Dysplastic Nevus/Familial Melanoma Cell Lines.** Shin-Ichi Moriwaki, Robert E. Tarone, Margaret A. Tucker, Alisa M. Goldstein, and Kenneth H. Kraemer.

Tumor Biology

- 4642 Human Breast Cancer Cells and Normal Mammary Epithelial Cells: Retinol Metabolism and Growth Inhibition by the Retinol Metabolite 4-Oxoretinol.** Anne C. Chen, Xiaojia Guo, Fadila Derguini, and Lorraine J. Gudas.
- 4652 Induction of Retinoid Resistance in Breast Cancer Cells by Overexpression of cJun.** LiMin Yang, HeeTae Kim, Deborah Munoz-Medellin, Praveen Reddy, and Powel H. Brown.

4662 Announcements

1998 Annual Meeting
Future Annual Meetings of the AACR
Call for Nominations for Honorary
Membership
AACR Minority Scholar Awards in
Cancer Research Supported by the
National Cancer Institute (CMBP)
Gertrude B. Elion Cancer Research
Award
AACR Research Fellowships
AACR Special Conferences in Cancer
Research
Calendar of Events

4665 Author Index

Back of issue:

Call for Abstracts for 1998
AACR Annual Meeting

Pages 1-25

Abstract Deadline: Oct. 28, 1997

Also available in the back
of this issue:

Guidelines for Submitting Disks to
AACR Publications

Cancer Research

The Journal of Cancer Research (1916–1930) | The American Journal of Cancer (1931–1940)

57 (20)

Cancer Res 1997;57:4447-4664.

Updated version Access the most recent version of this article at:
<http://cancerres.aacrjournals.org/content/57/20.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/57/20.citation>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.