

Cancer Research

A Journal of the American Association for Cancer Research

Volume 68 • Number 3

February 1, 2008 • Pages 627–956

Reviews

- Human Leukocyte Antigen–G and Cancer Immunoediting.** Mirjana Urošević and Reinhard Dummer627
- Targeting the Eukaryotic Translation Initiation Factor 4E for Cancer Therapy.** Jeremy R. Graff, Bruce W. Konicek, Julia H. Carter, and Eric G. Marcusson.....631

Meeting Report

- Meeting Report: Innovations in Prostate Cancer Research.** Wadih Arap, Martin Trepel, Bruce R. Zetter, and Renata Pasqualini635

Priority Reports

- Alterations in Gemin5 Expression Contribute to Alternative mRNA Splicing Patterns and Tumor Cell Motility.** Jong Heun Lee, Christine E. Horak, Chand Khanna, Zhaojing Meng, Li Rong Yu, Timothy D. Veenstra, and Patricia S. Steeg639
- A First-Generation Multiplex Biomarker Analysis of Urine for the Early Detection of Prostate Cancer.** Bharathi Laxman, David S. Morris, Jianjun Yu, Javed Siddiqui, Jie Cao, Rohit Mehra, Robert J. Lonigro, Alex Tsodikov, John T. Wei, Scott A. Tomlins, and Arul M. Chinnaiyan.....645

Molecular Biology, Pathobiology, and Genetics

- In vivo Switching of Human Melanoma Cells between Proliferative and Invasive States.** Keith S. Hoek, Ossia M. Eichhoff, Natalie C. Schlegel, Udo Döbbling, Nikita Kobert, Leo Schaefer, Silvio Hemmi, and Reinhard Dummer650
- Multiple Alternative Splicing Markers for Ovarian Cancer.** Roscoe Klinck, Anne Bramard, Lina Inkel, Geneviève Dufresne-Martin, Julien Gervais-Bird, Richard Madden, Éric R. Paquet, ChuShin Koh, Julian P. Venables, Panagiotis Prinos, Manuela Jilaveanu-Pelmus, Raymond Wellinger, Claudine Rancourt, Benoit Chabot, and Sherif Abou Elela.....657
- Modeling Genomic Diversity and Tumor Dependency in Malignant Melanoma.** William M. Lin, Alissa C. Baker, Rameen Beroukhim, Wendy Winckler, Whei Feng, Jennifer M. Marmion, Elisabeth Laine, Heidi Greulich, Hsiuyi Tseng, Casey Gates, F. Stephen Hodi, Glenn Dranoff, William R. Sellers, Roman K. Thomas, Matthew Meyerson, Todd R. Golub, Reinhard Dummer, Meenhard Herlyn, Gad Getz, and Levi A. Garraway664
- Tristetraprolin Down-regulates Interleukin-8 and Vascular Endothelial Growth Factor in Malignant Glioma Cells.** Esther Suswam, Yanyan Li, Xiaowen Zhang, G. Yancey Gillespie, Xuelin Li, John J. Shacka, Liang Lu, Lei Zheng, and Peter H. King.....674
- Spontaneous Squamous Cell Carcinoma Induced by the Somatic Inactivation of Retinoblastoma and Trp53 Tumor Suppressors.** Ana Belén Martínez-Cruz, Mirentxu Santos, M. Fernanda Lara, Carmen Segrelles, Sergio Ruiz, Marta Moral, Corina Lorz, Ramón García-Escudero, and Jesús M. Paramio683

- TBX3 Is Overexpressed in Breast Cancer and Represses p14^{ARF} by Interacting with Histone Deacetylases.** Will Yarosh, Tomasa Barrientos, Taraneh Esmailpour, Limin Lin, Philip M. Carpenter, Kathryn Osann, Hoda Anton-Culver, and Taosheng Huang.....693

- Mitochondrial Cytochrome B Gene Mutation Promotes Tumor Growth in Bladder Cancer.** Santanu Dasgupta, Mohammad Obaidul Hoque, Sunil Upadhyay, and David Sidransky700

Cell, Tumor, and Stem Cell Biology

- Enhanced Activation of Epidermal Growth Factor Receptor Caused by Tumor-Derived E-Cadherin Mutations.** Anja Bremm, Axel Walch, Margit Fuchs, Jörg Mages, Justus Duyster, Gisela Keller, Christine Hermannstädter, Karl-Friedrich Becker, Sandra Rauser, Rupert Langer, Claus Hann von Weyhern, Heinz Höfler, and Birgit Lubber707

- CCN3/Nephroblastoma Overexpressed Matricellular Protein Regulates Integrin Expression, Adhesion, and Dissemination in Melanoma.** Viviana Vallacchi, Maria Daniotti, Francesca Ratti, Delia Di Stasi, Paola Deho, Annamaria De Filippo, Gabrina Tragni, Andrea Balsari, Antonino Carbone, Licia Rivoltini, Giorgio Parmiani, Noureddine Lazar, Bernard Perbal, and Monica Rodolfo715

- Modulation of Oncogenic Phenotype in Human Glioma Cells by Cytomegalovirus IE1-Mediated Mitogenicity.** Charles S. Cobbs, Liliana Soroceanu, Scott Denham, Wenyue Zhang, and Matthias H. Kraus724

- Tumor Cell-Secreted Caveolin-1 Has Proangiogenic Activities in Prostate Cancer.** Salahaldin A. Tahir, Guang Yang, Alexei A. Goltsov, Masami Watanabe, Ken-ichi Tabata, Josephine Addai, El Moataz Abdel Fattah, Dov Kadmon, and Timothy C. Thompson731

- The Tumor Suppressor LKB1 Regulates Lung Cancer Cell Polarity by Mediating cdc42 Recruitment and Activity.** Shumin Zhang, Katherine Schafer-Hales, Fadlo R. Khuri, Wei Zhou, Paula M. Vertino, and Adam I. Marcus.....740

- The Human Trithorax Protein hASH2 Functions as an Oncoprotein.** Juliane Lüscher-Firzlaff, Isabella Gawlista, Jörg Vervoorts, Karsten Kapelle, Till Braunschweig, Gesa Walsemann, Chantal Rodgarkia-Schamberger, Henning Schuchlantz, Stephan Dreschers, Elisabeth Kremmer, Richard Lilischkis, Christa Cerni, Axel Wellmann, and Bernhard Lüscher749

- Loss of Lkb1 Provokes Highly Invasive Endometrial Adenocarcinomas.** Cristina M. Contreras, Sushma Gurumurthy, J. Marshall Haynie, Lane J. Shirley, Esra A. Akbay, Shana N. Wingo, John O. Schorge, Russell R. Broaddus, Kwok-Kin Wong, Nabeel Bardeesy, and Diego H. Castrillon759

- Sixteen-Kinase Gene Expression Identifies Luminal Breast Cancers with Poor Prognosis.** Pascal Finetti, Nathalie Cervera, Emmanuelle Charafe-Jauffret, Christian Chabannon, Colette Charpin, Max Chaffanet, Jocelyne Jacquemier, Patrice Viens, Daniel Birnbaum, and François Bertucci767

- Genotoxic Stress-Induced Expression of p53 and Apoptosis in Leukemic Clam Hemocytes with Cytoplasmically Sequestered p53.** Stefanie Böttger, Emily Jerszyk, Ben Low, and Charles Walker.....777

Contents (Continued)

BCL6 Represses Smad Signaling in Transforming Growth Factor- β Resistance. Degang Wang, Jianyin Long, Fangyan Dai, Min Liang, Xin-Hua Feng, and Xia Lin783

CD43, but not P-Selectin Glycoprotein Ligand-1, Functions as an E-Selectin Counter-Receptor in Human Pre-B-Cell Leukemia NALL-1. Chizu Nonomura, Jiro Kikuchi, Nobutaka Kiyokawa, Hidenori Ozaki, Kanae Mitsunaga, Hidenobu Ando, Akiko Kanamori, Reiji Kannagi, Junichiro Fujimoto, Kazuo Muroi, Yusuke Furukawa, and Mitsuru Nakamura.....790

ABCG2 Expression and Side Population Abundance Regulated by a Transforming Growth Factor β -Directed Epithelial-Mesenchymal Transition. Liqun Yin, Paola Castagnino, and Richard K. Assoian800

Repression of B-Cell Linker (BLNK) and B-Cell Adaptor for Phosphoinositide 3-Kinase (BCAP) Is Important for Lymphocyte Transformation by Rel Proteins. Nupur Gupta, Jeffrey Delrow, Amar Drawid, Anirvan M. Sengupta, Gaofeng Fan, and Céline Gélinas808

The EGFR-STAT3 Oncogenic Pathway Up-regulates the Eme1 Endonuclease to Reduce DNA Damage after Topoisomerase I Inhibition. Arnaud Vigneron, Erick Gamelin, and Olivier Coqueret815

Experimental Therapeutics, Molecular Targets, and Chemical Biology

Tamoxifen Resistance in Breast Tumors Is Driven by Growth Factor Receptor Signaling with Repression of Classic Estrogen Receptor Genomic Function. Suleiman Massarweh, C. Kent Osborne, Chad J. Creighton, Lanfang Qin, Anna Tsimelzon, Shixia Huang, Heidi Weiss, Mothaffar Rimawi, and Rachel Schiff.....826

Inhibition of Endoplasmic Reticulum Stress-Induced Apoptosis of Melanoma Cells by the ARC Protein. Li Hua Chen, Chen Chen Jiang, Ralph Watts, Rick F. Thorne, Kelly A. Kiejda, Xu Dong Zhang, and Peter Hersey834

Aggravated Endoplasmic Reticulum Stress as a Basis for Enhanced Glioblastoma Cell Killing by Bortezomib in Combination with Celecoxib or Its Non-Coxib Analogue, 2,5-Dimethyl-Celecoxib. Adel Kardosh, Encouse B. Golden, Peter Pyrko, Jasim Uddin, Florence M. Hofman, Thomas C. Chen, Stan G. Louie, Nicos A. Petasis, and Axel H. Schönthal.....843

Tamoxifen Stimulates the Growth of Cyclin D1-Overexpressing Breast Cancer Cells by Promoting the Activation of Signal Transducer and Activator of Transcription 3. Yuki Ishii, Samuel Waxman, and Doris Germain852

Immunology

Prostate Stem Cell Antigen Vaccination Induces a Long-term Protective Immune Response against Prostate Cancer in the Absence of Autoimmunity. Maria de la Luz Garcia-Hernandez, Andrew Gray, Bolyn Hubby, Otto J. Klingler, and W. Martin Kast861

Tumor-Induced Senescent T Cells with Suppressor Function: A Potential Form of Tumor Immune Evasion. Carolina L. Montes, Andrei I. Chapoval, Jonas Nelson, Vbenosa Orhue, Xiaoyu Zhang, Dan H. Schulze, Scott E. Strome, and Brian R. Gastman.....870

Systematic High-Content Proteomic Analysis Reveals Substantial Immunologic Changes in Colorectal Cancer. Uta Berndt, Lars Philipson, Sebastian Bartsch, Bertram Wiedenmann, Daniel C. Baumgart, Marcus Hämmerle, and Andreas Sturm.....880

Epitope Landscape in Breast and Colorectal Cancer. Neil H. Segal, D. Williams Parsons, Karl S. Peggs, Victor Velculescu, Ken W. Kinzler, Bert Vogelstein, and James P. Allison.....889

Self-Tolerance Does Not Restrict the CD4+ T-Helper Response against the p53 Tumor Antigen. Marjolein M. Lauwen, Sander Zwaveling, Linda de Quartel, S. Carmela Ferreira Mota, Janine A.C. Grashorn, Cornelis J.M. Melief, Sjoerd H. van der Burg, and Rienk Offringa.....893

Induction of EBV-Latent Membrane Protein 1-Specific MHC Class II-Restricted T-Cell Responses against Natural Killer Lymphoma Cells. Hiroya Kobayashi, Toshihiro Nagato, Miki Takahara, Keisuke Sato, Shoji Kimura, Naoko Aoki, Makoto Azumi, Masatoshi Tateno, Yasuaki Harabuchi, and Esteban Celis901

Endocrinology

DR5 Receptor Mediates Anoikis in Human Colorectal Carcinoma Cell Lines. Luciana M. Laguinge, Raed N. Samara, Wenge Wang, Wafik S. El-Deiry, Georgia Corner, Leonard Augenlicht, Lopa Mishra, and J. Milburn Jessup909

Clinical Research

Cancer-Associated Stromal Fibroblasts Promote Pancreatic Tumor Progression. Rosa F. Hwang, Todd Moore, Thiruvengadam Arumugam, Vijaya Ramachandran, Keith D. Amos, Armando Rivera, Baoan Ji, Douglas B. Evans, and Craig D. Logsdon918

Epidemiology

Tumor Immunobiological Differences in Prostate Cancer between African-American and European-American Men. Tiffany A. Wallace, Robyn L. Prueitt, Ming Yi, Tiffany M. Howe, John W. Gillespie, Harris G. Yfantis, Robert M. Stephens, Neil E. Caporaso, Christopher A. Loffredo, and Stefan Ambs927

Prevention

Direct Evidence for Epithelial-Mesenchymal Transitions in Breast Cancer. Anthony J. Trimboli, Koichi Fukino, Alain de Bruin, Guo Wei, Lei Shen, Stephan M. Tanner, Nicholas Creasap, Thomas J. Rosol, Michael L. Robinson, Charis Eng, Michael C. Ostrowski, and Gustavo Leone937

Raf and MEK Protein Kinases Are Direct Molecular Targets for the Chemopreventive Effect of Quercetin, a Major Flavonol in Red Wine. Ki Won Lee, Nam Joo Kang, Yong-Seok Heo, Evgeny A. Rogozin, Angelo Pugliese, Mun Kyung Hwang, G. Tim Bowden, Ann M. Bode, Hyong Joo Lee, and Zigang Dong.....946

Corrections

Correction: SNAI1 Silencing and Inhibition of Breast Tumor Growth.....956

Correction: IFN Signaling in Aggressive Fibromatosis956

Correction: RPS27L Modulates DNA Damage Response.....956

Cancer Research

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

68 (3)

Cancer Res 2008;68:627-956.

Updated version Access the most recent version of this article at:
<http://cancerres.aacrjournals.org/content/68/3>

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/68/3>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.