

CCR Translations

- Biomarkers in GIST: Partly Ready for Prime-Time Use.** Charles D. Blanke5603
 Commentary on DePrimo et al., p. 5869 and Demetri et al., p. 5902
- Prevention of Progression in Monoclonal Gammopathy of Undetermined Significance.**
 S. Vincent Rajkumar.....5606
 Commentary on Golombick et al., p. 5917

Molecular Pathways

- Inhibition of ALK Signaling for Cancer Therapy.** Yael P. Mossé, Andrew Wood,
 and John M. Maris5609
- The Multifaceted Role of MTDH/AEG-1 in Cancer Progression.** Guohong Hu, Yong Wei,
 and Yibin Kang5615

CCR Special Focus

- From the Editor.** Susan E. Bates.....5621
- Lung Cancer in Never Smokers: A Call to Action.** Charles M. Rudin, Erika Avila-Tang,
 and Jonathan M. Samet.....5622
- Lung Cancer in Never Smokers: Clinical Epidemiology and Environmental Risk Factors.**
 Jonathan M. Samet, Erika Avila-Tang, Paolo Boffetta, Lindsay M. Hannan, Susan Olivo-Marston,
 Michael J. Thun, and Charles M. Rudin5626
- Lung Cancer in Never Smokers: Molecular Profiles and Therapeutic Implications.**
 Charles M. Rudin, Erika Avila-Tang, Curtis C. Harris, James G. Herman, Fred R. Hirsch,
 William Pao, Ann G. Schwartz, Kirsi H. Vahakangas, and Jonathan M. Samet.....5646

Perspective

- Report from the Radiation Therapy Committee of the Southwest Oncology Group (SWOG):
 Research Objectives Workshop 2008.** Paul Okunieff, Lisa A. Kachnic, Louis S. Constine,
 Clifton D. Fuller, Laurie E. Gaspar, Daniel F. Hayes, Jean Hooks, Clifton Ling, Frank L. Meyskens, Jr.,
 Philip A. Philip, David Raben, Stephen R. Smalley, Gregory P. Swanson, Beverly A. Teicher,
 Charles R. Thomas, Jr., Bhadransain Vikram, Michael J. Zelefsky, and Laurence H. Baker5663

Review

- Guiding the Optimal Translation of New Cancer Treatments From Canine to Human Cancer
 Patients.** Chand Khanna, Cheryl London, David Vail, Christina Mazcko, and Steven Hirschfeld5671

Human Cancer Biology

- Wnt Antagonist Gene *DKK2* Is Epigenetically Silenced and Inhibits Renal Cancer Progression
 through Apoptotic and Cell Cycle Pathways.** Hiroshi Hirata, Yuji Hinoda, Koichi Nakajima,
 Ken Kawamoto, Nobuyuki Kikuno, Kazumori Kawakami, Soichiro Yamamura, Koji Ueno,
 Shahana Majid, Sharanjot Saini, Nobuhisa Ishii, and Rajvir Dahiya5678
- Putative Tumor-Suppressive Function of Krüppel-Like Factor 4 in Primary Lung Carcinoma.**
 Wenxian Hu, Wayne L. Hofstetter, Hong Li, Yanbin Zhou, Yong He, Abujiang Pataer, Li Wang,
 Keping Xie, Stephen G. Swisher, and Bingliang Fang.....5688
- Clinical and Biological Significance of *CDK4* Amplification in Well-Differentiated and
 Dedifferentiated Liposarcomas.** Antoine Italiano, Laurence Bianchini, Elisabet Gjernes,
 Frédérique Kessler, Dominique Ranchere-Vince, Jean-Marc Dumollard, Juliette Haudebourg,
 Agnès Leroux, Claire Mainguéné, Philippe Terrier, Frédéric Chibon, Jean-Michel Coindre,
 and Florence Pedeutour5696

C-Raf Is Associated with Disease Progression and Cell Proliferation in a Subset of Melanomas. Lucia B. Jilaveanu, Christopher R. Zito, Saadia A. Aziz, Patricia J. Conrad, John C. Schmitz, Mario Sznol, Robert L. Camp, David L. Rimm, and Harriet M. Kluger	5704
Ethnic Differences and Functional Analysis of MET Mutations in Lung Cancer. Soundararajan Krishnaswamy, Rajani Kanteti, Jonathan S. Duke-Cohan, Sivakumar Loganathan, Wanqing Liu, Patrick C. Ma, Martin Sattler, Patrick A. Singleton, Nithya Ramnath, Federico Innocenti, Dan L. Nicolae, Zheng Ouyang, Jie Liang, John Minna, Mark F. Kozloff, Mark K. Ferguson, Viswanathan Natarajan, Yi-Ching Wang, Joe G.N. Garcia, Everett E. Vokes, and Ravi Salgia.....	5714
Phosphatidylinositol 3'-Kinase Catalytic Subunit α Gene Amplification Contributes to the Pathogenesis of Mantle Cell Lymphoma. Amanda Psyrris, Sotirios Papageorgiou, Elisavet Liakata, Andreas Scorilas, Dimitra Rontogianni, Christos K. Kontos, Pinelopi Argyriou, Dimitrios Pectasides, Nikolaos Harhalakis, Vassiliki Pappa, Aggeliki Kolialexi, Christina Economopoulou, Frida Kontsioti, Eirini Maratou, George Dimitriadis, Panagiota Economopoulou, and Theofanis Economopoulos	5724
Impairment of Plasmacytoid Dendritic Cells for IFN Production by the Ligand for Immunoglobulin-Like Transcript 7 Expressed on Human Cancer Cells. Nobuo Tsukamoto, Starlyn Okada, Yoko Onami, Yusuke Sasaki, Kazuo Umezawa, and Yutaka Kawakami.....	5733
MicroRNA Expression Signatures in Barrett's Esophagus and Esophageal Adenocarcinoma. Hushan Yang, Jian Gu, Kenneth K. Wang, Wei Zhang, Jinliang Xing, Zhinan Chen, Jaffer A. Ajani, and Xifeng Wu.....	5744
EGFRvIII Deletion Mutations in Pediatric High-Grade Glioma and Response to Targeted Therapy in Pediatric Glioma Cell Lines. Dorine A. Bax, Nathalie Gaspar, Suzanne E. Little, Lynley Marshall, Lara Perryman, Marie Regairaz, Marta Viana-Pereira, Raisa Vuononvirta, Swee Y. Sharp, Jorge S. Reis-Filho, João N. Stávale, Safa Al-Sarraj, Rui M. Reis, Gilles Vassal, Andrew D.J. Pearson, Darren Hargrave, David W. Ellison, Paul Workman, and Chris Jones	5753
Decreased Poly(ADP-Ribosyl)ation of CTCF, a Transcription Factor, Is Associated with Breast Cancer Phenotype and Cell Proliferation. France Docquier, Georgia-Xanthi Kita, Dawn Farrar, Parmjit Jat, Michael O'Hare, Igor Chernukhin, Svetlana Gretton, Adhip Mandal, Louise Alldridge, and Elena Klenova.....	5762
Molecular Analysis of Endometrial Tumorigenesis: Importance of Complex Hyperplasia Regardless of Atypia. Taina T. Nieminen, Annette Gylling, Wael M. Abdel-Rahman, Kyösti Nuorva, Markku Aarnio, Laura Renkonen-Sinisalo, Heikki J. Järvinen, Jukka-Pekka Mecklin, Ralf Bützow, and Päivi Peltomäki.....	5772
Progesterone Inhibition of Wnt/β-Catenin Signaling in Normal Endometrium and Endometrial Cancer. Yongyi Wang, Payman Hanifi-Moghaddam, Eline E. Hanekamp, Helenius J. Kloosterboer, Patrick Franken, Jos Veldscholte, Helena C. van Doorn, Patricia C. Ewing, J. Julie Kim, J. Anton Grootegoed, Curt W. Burger, Riccardo Fodde, and Leen J. Blok.....	5784

Cancer Therapy: Preclinical

Identification of the Transcription Factor Single-Minded Homologue 2 as a Potential Biomarker and Immunotherapy Target in Prostate Cancer. Mohamed S. Arredouani, Bin Lu, Manoj Bhasin, Miriam Eljanne, Wen Yue, Juan-Miguel Mosquera, Glenn J. Bublely, Vivian Li, Mark A. Rubin, Towia A. Libermann, and Martin G. Sanda.....	5794
Tramadol and Flurbiprofen Depress the Cytotoxicity of Cisplatin via Their Effects on Gap Junctions. Bo He, Xuhui Tong, Lingzhi Wang, Qin Wang, Hua Ye, Bing Liu, Xiaoting Hong, Liang Tao, and Andrew L. Harris	5803
Candidate Biomarkers of Response to an Experimental Cancer Drug Identified through a Large-scale RNA Interference Genetic Screen. Jasper Mullenders, Wolfgang von der Saal, Miranda M.W. van Dongen, Ulrike Reiff, Rogier van Willigen, Roderick L. Beijersbergen, Georg Tiefenthaler, Christian Klein, and René Bernards	5811
Induction of Bim Expression Contributes to the Antitumor Synergy Between Sorafenib and Mitogen-Activated Protein Kinase/Extracellular Signal-Regulated Kinase Kinase Inhibitor CI-1040 in Hepatocellular Carcinoma. Da-Liang Ou, Ying-Chun Shen, Ja-Der Liang, Jun-Yang Liou, Sung-Liang Yu, Hsiang-Hsuan Fan, Da-Sheng Wang, Yen-Shen Lu, Chiun Hsu, and Ann-Lii Cheng.....	5820

- High-Dose Zoledronic Acid Impacts Bone Remodeling with Effects on Osteoblastic Lineage and Bone Mechanical Properties.** Samantha Pozzi, Sonia Vallet, Siddhartha Mukherjee, Diana Cirstea, Nileshwari Vaghela, Loredana Santo, Eyal Rosen, Hiroshi Ikeda, Yutaka Okawa, Tanyel Kiziltepe, Jesse Schoonmaker, Wanling Xie, Teru Hideshima, Edie Weller, Mary L. Bouxsein, Nikhil C. Munshi, Kenneth C. Anderson, and Noopur Raje5829
- Cancer-Selective Targeting and Cytotoxicity by Liposomal-Coupled Lysosomal Saposin C Protein.** Xiaoyang Qi, Zhengtao Chu, Yonatan Y. Mahller, Keith F. Stringer, David P. Witte, and Timothy P. Cripe5840
- Immunotherapy of Metastatic Melanoma Using Genetically Engineered GD2-Specific T cells.** Eric Yvon, Michele Del Vecchio, Barbara Savoldo, Valentina Hoyos, Aurélie Dutour, Andrea Anichini, Gianpietro Dotti, and Malcolm K. Brenner5852

Imaging, Diagnosis, Prognosis

- Metabolic Tumor Volume of [¹⁸F]-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Predicts Short-Term Outcome to Radiotherapy With or Without Chemotherapy in Pharyngeal Cancer.** Man Ki Chung, Han-Sin Jeong, Sang Gyu Park, Jeon Yeob Jang, Young-Ik Son, Joon Young Choi, Seung Hyup Hyun, Keunchil Park, Myung-Ju Ahn, Yong Chan Ahn, Hyung-Jin Kim, Young-Hyeh Ko, and Chung-Hwan Baek5861
- Circulating Levels of Soluble KIT Serve as a Biomarker for Clinical Outcome in Gastrointestinal Stromal Tumor Patients Receiving Sunitinib following Imatinib Failure.** Samuel E. DePrimo, Xin Huang, Martin E. Blackstein, Christopher R. Garrett, Charles S. Harmon, Patrick Schöffski, Manisha H. Shah, Jaap Verweij, Charles M. Baum, and George D. Demetri.....5869
- Association of Inflammation-Related and microRNA Gene Expression with Cancer-Specific Mortality of Colon Adenocarcinoma.** Aaron J. Schetter, Giang Huong Nguyen, Elise D. Bowman, Ewy A. Mathé, Siu Tsan Yuen, Jason E. Hawkes, Carlo M. Croce, Suet Yi Leung, and Curtis C. Harris5878
- Low p27 Expression Predicts Early Relapse and Death in Postmenopausal Hormone Receptor-Positive Breast Cancer Patients Receiving Adjuvant Tamoxifen Therapy.** Martin Filipits, Margaretha Rudas, Harald Heinzl, Raimund Jakesz, Ernst Kubista, Sigurd Lax, Walter Schippinger, Otto Dietze, Richard Greil, Wolfgang Stiglbauer, Werner Kwasny, Alexander Nader, Michael Stierer, and Michael F.X. Gnant for the Austrian Breast and Colorectal Cancer Study Group5888

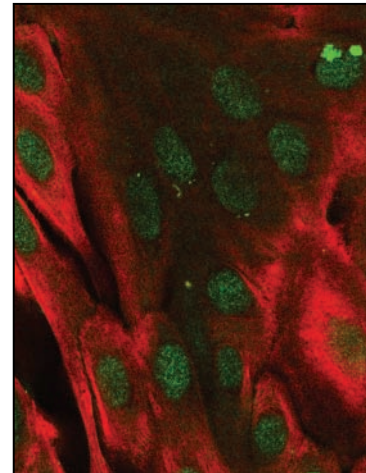
Cancer Therapy: Clinical

- A Multi-Institutional Phase II Study of the Efficacy and Tolerability of Lapatinib in Patients with Advanced Hepatocellular Carcinomas.** Tanios Bekaii-Saab, Joseph Markowitz, Nichole Prescott, Wolfgang Sadee, Nyla Heerema, Lai Wei, Zunyan Dai, Audrey Papp, Angela Campbell, Kristy Culler, Catherine Balint, Bert O'Neil, Ruey-min Lee, Mark Zalupski, Janet Dancy, Helen Chen, Michael Grever, Charis Eng, and Miguel Villalona-Calero5895
- Molecular Target Modulation, Imaging, and Clinical Evaluation of Gastrointestinal Stromal Tumor Patients Treated with Sunitinib Malate after Imatinib Failure.** George D. Demetri, Michael C. Heinrich, Jonathan A. Fletcher, Christopher D.M. Fletcher, Annick D. Van den Abbeele, Christopher L. Corless, Cristina R. Antonescu, Suzanne George, Jeffrey A. Morgan, Ming Hui Chen, Carlo L. Bello, Xin Huang, Darrel P. Cohen, Charles M. Baum, and Robert G. Maki5902
- A Phase I Study of Single-Agent Nilotinib or in Combination with Imatinib in Patients with Imatinib-Resistant Gastrointestinal Stromal Tumors.** George D. Demetri, Paolo G. Casali, Jean-Yves Blay, Margaret von Mehren, Jeffrey A. Morgan, Rossella Bertulli, Isabelle Ray-Coquard, Philippe Cassier, Monica Davey, Hossein Borghaei, Daniel Pink, Maria Debiec-Rychter, Wing Cheung, Stuart M. Bailey, Maria Luisa Veronese, Annette Reichardt, Elena Fumagalli, and Peter Reichardt.....5910
- The Potential Role of Curcumin in Patients with Monoclonal Gammopathy of Undefined Significance—Its Effect on Paraproteinemia and the Urinary N-Telopeptide of Type I Collagen Bone Turnover Marker.** Terry Golombick, Terrence H. Diamond, Vladimir Badmaev, Arumugam Manoharan, and Rajeev Ramakrishna5917

Immunogenicity of the Hu14.18-IL2 Immunocytokine Molecule in Adults With Melanoma and Children With Neuroblastoma. Jacquelyn A. Hank, Jacek Gan, Hyunji Ryu, Amy Ostendorf, Michael C. Stauder, Adam Sternberg, Mark Albertini, Kin-Ming Lo, Stephen D. Gillies, Jens Eickhoff, and Paul M. Sondel	5923
Interaction of Molecular Markers and Physical Activity on Mortality in Patients with Colon Cancer. Jeffrey A. Meyerhardt, Shuji Ogino, Gregory J. Kirkner, Andrew T. Chan, Brian Wolpin, Kimmie Ng, Katsuhiko Nosho, Kaori Shima, Edward L. Giovannucci, Massimo Loda, and Charles S. Fuchs	5931
A Phase I Trial of Immunotherapy with Lapuleucel-T (APC8024) in Patients with Refractory Metastatic Tumors that Express HER-2/neu. Prema P. Peethambaram, Michelle E. Melisko, Kristine J. Rinn, Steven R. Alberts, Nicole M. Provost, Lori A. Jones, Robert B. Sims, Lisa R.C. Lin, Mark W. Frohlich, and John W. Park.....	5937

About the Cover

Loss of poly(ADP-ribosyl)ation of CTCF is associated with cell proliferation. Confocal microscopy analysis of proliferating cells from normal breast tissue primary cultures. Cells were costained with the antibody specifically recognizing the form of CTCF deficient for poly(ADP-ribosyl)ation (*green*) and CK-14, a marker for myoepithelial cells (*red*). For further details please see the article by Docquier and colleagues on page 5762 of this issue.



Clinical Cancer Research

15 (18)

Clin Cancer Res 2009;15:5603-5944.

Updated version Access the most recent version of this article at:
<http://clincancerres.aacrjournals.org/content/15/18>

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://clincancerres.aacrjournals.org/content/15/18>.
Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.