Highlights of This Issue  2275

SPECIAL FEATURES

CCR Translations

2277  PRAMEing a Picture of Differentiation Therapy for AML?
Robert L. Redner
See article, p. 2562

2280  Classifying MMR Variants: Time for Revised Nomenclature in Lynch Syndrome
Y. Nancy You and Eduardo Vilar
See article, p. 2432

CCR New Strategies

2283  New Strategies in Diagnosing Cancer in Thyroid Nodules: Impact of Molecular Markers
Yuri E. Nikiforov, Linwah Yip, and Marina N. Nikiforova

CCR Perspectives in Drug Approval

2289  U.S. Food and Drug Administration Approval: Vismodegib for Recurrent, Locally Advanced, or Metastatic Basal Cell Carcinoma
Michael Axelson, Ke Liu, Xiaoping Jiang, Kun He, Jian Wang, Hong Zhao, Dubravka Kufrin, Todd Palmby, Zedong Dong, Anne Marie Russell, Sarah Miksinski, Patricia Keegan, and Richard Pazdur

Molecular Pathways

2294  Molecular Pathways: Radiation-Induced Cognitive Impairment
Dana Greene-Schloesser, Elizabeth Moore, and Mike E. Robbins

2301  Molecular Pathways: Mitogen-Activated Protein Kinase Pathway Mutations and Drug Resistance
Antonia L. Pritchard and Nicholas K. Hayward

Review

2310  Targeting the HGF/c-MET Pathway in Hepatocellular Carcinoma
Lipika Goyal, Mandar D. Muzumdar, and Andrew X. Zhu

HUMAN CANCER BIOLOGY

2319  NIK Controls Classical and Alternative NF-κB Activation and Is Necessary for the Survival of Human T-cell Lymphoma Cells
Lina Odqvist, Margarita Sánchez-Beato, Santiago Montes-Moreno, Esperanza Martín-Sánchez, Raquel Pajaures, Lydia Sánchez-Verde, Pablo L. Ortiz-Romero, Jose Rodriguez, Socorro M. Rodríguez-Pinilla, Francisca Iniesta-Martínez, Juan Carlos Solera-Arroyo, Rafael Ramos-Asensio, Teresa Flores, Javier Menarguez Palanca, Federico García Bragado, Purificación Domínguez Franjo, and Miguel A. Piris

2331  High Phospho-Stathmin(Serine38) Expression Identifies Aggressive Endometrial Cancer and Suggests an Association with PI3K Inhibition
Elisabeth Wik, Even Birkeland, Jone Trovik, Henrica MJ. Werner, Erling A. Holvik, Stiv Mjos, Camilla Krakstad, Kalthida Kusonmanno, Karen Mauland, Ingunn M. Stefansson, Frederik Holst, Kjell Petersen, Anne M. Oyan, Ronald Simon, Karl H. Kalland, William Ricketts, Lars A. Akslen, and Helga B. Salvesen

2342  PI3K/AKT Signaling Is Essential for Communication between Tissue-Infiltrating Mast Cells, Macrophages, and Epithelial Cells in Colitis-Induced Cancer
Targeted Delivery of microRNA-29b by Transferrin-Conjugated Anionic Lipopolyplex Nanoparticles: A Novel Therapeutic Strategy in Acute Myeloid Leukemia
Xiaomeng Huang, Sebastian Schwind, Bo Yu, Ramasamy Santhanam, Hongyan Wang, Pia Hoellerbauer, Alice Mims, Rebecca Klisovic, Alison R. Walker, Kenneth K. Chan, William Blum, Danilo Perrotti, John C. Byrd, Clara D. Bloomfield, Michael A. Caligiuri, Robert J. Lee, Ramiro Garzon, Natarajan Muthusamy, Ly James Lee, and Guido Marcucci

Stearoyl-CoA Desaturase 1 Is a Novel Molecular Therapeutic Target for Clear Cell Renal Cell Carcinoma
Christina A. von Roemeling, Laura A. Marlow, Johnny J. Wei, Simon J. Cooper, Thomas R. Caulfield, Kevin Wu, Winston W. Tan, Han W. Tun, and John A. Copland

Tivantinib (ARQ197) Displays Cytotoxic Activity That Is Independent of Its Ability to Bind MET
Cristina Basilico, Selma Pennacchietti, Elisa Vigna, Cristina Chiriaco, Sabrina Arena, Alberto Bardelli, Donatella Valdembri, Guido Serini, and Paolo Michieli

Inhibition of NF-κB–Mediated Signaling by the Cyclin-Dependent Kinase Inhibitor CR8 Overcomes Prosurvival Stimuli to Induce Apoptosis in Chronic Lymphocytic Leukemia Cells

The Proteasome Inhibitor Bazedoxifene Exhibits Antiestrogenic Activity in Animal Models of Tamoxifen-Resistant Breast Cancer: Implications for Treatment of Advanced Disease
Suzanne E. Wardell, Erik R. Nelson, Christina A. Chao, and Donald P. McDonnell

Expression Defect Size among Unclassified MLH1 Variants Determines Pathogenicity in Lynch Syndrome Diagnosis
Inga Hinrichsen, Angela Brieger, Jörg Trojan, Stefan Zeuzem, Mef Nilbert, and Guido Plotz

Urinary TMPRSS2:ERG and PCA3 in an Active Surveillance Cohort: Results from a Baseline Analysis in the Canary Prostate Active Surveillance Study
Daniel W. Lin, Lisa F. Newcomb, Elissa C. Brown, James D. Brooks, Peter R. Carroll, Ziding Feng, Martin E. Gleave, Raymond S. Lance, Martin G. Sanda, Ian M. Thompson, John T. Wei, and Peter S. Nelson, for the Canary Prostate Active Surveillance Study Investigators

PIK3CA Mutation Is Associated with a Favorable Prognosis among Patients with Curatively Resected Esophageal Squamous Cell Carcinoma
Hironobu Shigaki, Yoshifumi Baba, Masayuki Watanabe, Asuka Murata, Takakazu Ishimoto, Masaaki Ishiwaki, Shiro Iwagami, Katsuhiko Nosho, and Hideo Baba

Tumor-Specific Isoform Switch of the Fibroblast Growth Factor Receptor 2 Underlies the Mesenchymal and Malignant Phenotypes of Clear Cell Renal Cell Carcinomas
Qi Zhao, Otavia L. Caballero, Ian D. Davis, Eric Jonasch, Pheroze Tamboli, W.K. Alfred Yung, John N. Weinstein, Kenna Shaw for the TCGA research network, Robert L. Strausberg, and Jun Yao

Elevated TNFR1 and Serotonin in Bone Metastasis Are Correlated with Poor Survival following Bone Metastasis Diagnosis for Both Carcinoma and Sarcoma Primary Tumors
Antonella Chiuchi, Chiara Novello, Giovanna Magagnoli, Emanuel F. Petricoin III, Jianhong Deng, Maria S. Benassi, Piero Picci, Josef Vaisman, Virginia Espina, and Lance A. Liotta

Improved Survival with HPV among African Americans with Oropharyngeal Cancer
Maria J. Worsham, Josena K. Stephen, Kang Mei Chen, Meredith Mahan, Vanessa Schweitzer, Shaleta Havard, and George Divine
Sequential Binary Gene Ratio Tests Define a Novel Molecular Diagnostic Strategy for Malignant Pleural Mesothelioma
Assunta De Rienzo, William G. Richards, Beow Y. Yeap, Melissa H. Coleman, Peter E. Sugarbaker, Lucian R. Chirieac, Yaoyu E. Wang, John Quackenbush, Roderick V. Jensen, and Raphael Bueno

Tissue Redox Activity as a Hallmark of Carcinogenesis: From Early to Terminal Stages of Cancer
Rumiana Bakalova, Zhivko Zhelev, Ichio Aoki, and Tsuneo Saga

Serial Diffusion MRI to Monitor and Model Treatment Response of the Targeted Nanotherapy CRLX101
Thomas S.C. Ng, David Wert, Hargun Sohi, Daniel Procissi, David Colcher, Andrew A. Rauhbitschek, and Russell E. Jacobs

Clinical Correlates of Promoter Hypermethylation of Four Target Genes in Head and Neck Cancer: A Cooperative Group Correlative Study
Jong-Lyel Roh, Xin Victoria Wang, Judith Manola, David Sidransky, Arlene A. Forastiere, and Wayne M. Koch

Sorafenib in Combination with Oxaliplatin, Leucovorin, and Fluorouracil (Modified FOLFOX6) as First-line Treatment of Metastatic Colorectal Cancer: The RESPECT Trial

Prespecified Candidate Biomarkers Identify Follicular Lymphoma Patients Who Achieved Longer Progression-Free Survival with Bortezomib–Rituximab Versus Rituximab
Bertrand Coiffier, Weimin Li, Erin D. Henitz, Jayaprakash D. Karkera, Reyna Favis, Dana Gaffney, Alice Shapiro, Panteli Theocharous, Yusri A. Elsayed, Helgi van de Velde, Michael E. Schafer, Evgenii A. Osmanov, Xiaonan Hong, Adriana Scheliga, Jiri Mayer, Fritz Offner, Simon Rule, Adriana Teixeira, Joanna Romejko-Jarosinska, Sven de Vos, Michael Crump, Ofar Shpilberg, Pier Luigi Zinzani, Andrew Cakana, Dixie-Lee Esseltine, George Mulligan, and Deborah Ricci

PRAME-Induced Inhibition of Retinoic Acid Receptor Signaling-Mediated Differentiation—A Possible Target for ATRA Response in AML without t(15;17)
Lars Bullinger, Richard F. Schlenk, Marlies Götz, Ursula Botzenhardt, Susanne Hofmann, Amika C. Russ, Anna Babiaak, Lu Zhang, Vanessa Schneider, Konstanze Döhner, Michael Schmitt, Hartmut Döhner, and Jochen Greiner

FGFR2 Gene Amplification in Gastric Cancer Predicts Sensitivity to the Selective FGFR Inhibitor AZD4547
Liang Xie, Xinying Su, Lin Zhang, Xiaolu Yin, Lili Tang, Xiuhua Zhang, Yanping Xu, Zeren Gao, Kunji Liu, Minhua Zhou, Beirong Gao, Danping Shen, Lianhai Zhang, Jiafu Ji, Paul R. Gavine, Jingchuan Zhang, Elaine Kilgour, Xiaolin Zhang, and Qunsheng Ji

Characteristics of Lung Cancers Harboring NRAS Mutations
Kadoaki Ohashi, Lecia V. Sequist, Maria E. Arcila, Christine M. Lovly, Xi Chen, Charles M. Rudin, Teresa Moran, David Ross Camidge, Cindy L. Vnencak-Jones, Lynne Berry, Yumei Pan, Hidefumi Sasaki, Jeffrey A. Engelman, Edward B. Garon, Steven M. Dubinett, Wilbur A. Franklin, Gregory J. Riely, Martin L. Sos, Mark G. Kris, Dora Dias-Santagata, Marc Ladanyi, Paul A. Bunn Jr, and William Pao
ABOUT THE COVER

Assembling of microRNA-loaded transferrin-conjugated-nanoparticles to target acute myeloid leukemia (AML) blasts. The nanoparticle core was composed of negatively charged microRNA molecules (miR, \(\text{miR}\)) and positively charged polyethylenimine (PEI, \(\text{PEI}\)). Empty nanoparticles were composed of DOPE (\(\text{DOPE}\)), linoleic acid (\(\text{Linoleic Acid}\)), and DMG-PEG (\(\text{DMG-PEG}\)). After the loading of the PEI-miR core in the nanoparticles, transferrin-PEG-DSPE (\(\text{Transferrin-PEG-DSPE}\)) was inserted into the nanoparticle surface for specific targeting of leukemia blasts. The background depicts a cytospin of AML blasts derived from a mouse with AML treated with miR-loaded nanoparticles. For details, see the article by Huang and colleagues on page 2355 of this issue.

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