Highlights of This Issue 4303

SPECIAL FEATURES

Editorial
4305 Food and Oral Antineoplastics: More Than Meets the Eye
Rajul K. Jain, Satjit S. Brar, and Lawrence J. Lesko
See article p. 4446

CCR Translations
4308 Personalized Tamoxifen: A Step Closer but Miles To Go
Aditya Bardia and Vered Stearns
See article p. 4468
4311 Arsenic Trioxide and the Phosphoinositide 3-Kinase/Akt Pathway in Chronic Lymphocytic Leukemia
Dennis J. Goussetis and Leonidas C. Platanias
See article p. 4382

CCR New Strategies
4313 New Strategies in Pancreatic Cancer: Emerging Epidemiologic and Therapeutic Concepts
Donghui Li and James L. Abbruzzese

Molecular Pathways
4319 Overcoming Persistent Dependency on Androgen Signaling after Progression to Castration-Resistant Prostate Cancer
Masuo Yamaoka, Takahito Hara, and Masami Kusaka
4325 PI(3)King Apart PTEN's Role in Cancer
Siyuan Zhang and Dihua Yu

Report from the FDA
4331 U.S. Food and Drug Administration Approval: Ofatumumab for the Treatment of Patients with Chronic Lymphocytic Leukemia Refractory to Fludarabine and Alemtuzumab
Steven J. Lemery, Jenny Zhang, Mark D. Rothmann, Jun Yang, Justin Earp, Hong Zhao, Andrew McDougall, Anne Pilano, Raymond Chiang, Joseph E. Gootenberg, Patricia Keegan, and Richard Pazdur

HUMAN CANCER BIOLOGY

Transcriptional Profiling of Polycythemia Vera Identifies Gene Expression Patterns Both Dependent and Independent from the Action of JAK2V617F
Windy Berkofoay-Fessler, Monica Buzzai, Marianne K-H. Kim, Steven Fruchman, Vesna Najfeld, Dong-Joon Min, Fabricio F. Costa, Jared M. Bischof, Marcelo B. Soares, Melanie Jane McConnell, Wei-Jia Zhang, Ross Levine, D. Gary Gilliland, Raffaele Calogero, and Jonathan D. Licht

Meta-analysis of Neuroblastomas Reveals a Skewed ALK Mutation Spectrum in Tumors with MYCN Amplification
Sara de Brouwer, Kaelene De Preter, Candy Kumps, Piotr Zabrocki, Michael Porcu, Ellen M. Westerhout, Arjan Lakeman, Jo Vandesompele, Jasmien Hoebeeck, Tom Van Maecken, Anne De Paepe, Geneviève Laureys, Johannes H. Schulte, Alexander Schramm, Caroline Van Den Broecke, Joëlle Vermeulen, Nadine Van Roy, Klaus Beiske, Marleen Renard, Rosa Noguer, Olivier Delattre, Isabelle Janoueix-Lerosey, Per Kogner, Tommy Martinsson, Akira Nakagawara, Miki Ohira, Huib Caron, Angelika Eggert, Jan Cools, Rogier Versteeg, and Frank Speleman

Upregulation of SOX9 in Lung Adenocarcinoma and Its Involvement in the Regulation of Cell Growth and Tumorigenicity
Shih Sheng Jiang, Wen-Tsen Fang, Ya-Hsue Hou, Shiu-Feng Huang, B. Linju Yen, Junn-Liang Chang, Shih-Miao Li, Hui-Ping Liu, Ying-Lan Liu, Chih-Ting Huang, Yu-Wei Li, Te-Hsuan Iang, Shih-Hsuan Chan, Su Jing Yang, Chao A. Hsiung, Cheng-Wen Wu, Lu-Hai Wang, and I-Shou Chang
Notch1 Expression Predicts an Unfavorable Prognosis and Serves as a Therapeutic Target of Patients with Neuroblastoma
Hsiu-Hao Chang, Hsinyu Lee, Ming-Kuan Hu, Po-Nien Tsao, Hsueh-Fen Juan, Min-Chuan Huang, Yu-Yin Shih, Bo-Jeng Wang, Yung-Ming Jeng, Christina Ling Chang, Shiu-Feng Huang, Yeou-Guang Tsay, Fon-Jou Hsieh, Kai-Hsin Lin, Wen-Ming Hsu, and Yung-Feng Liao

Prediction of Stage, Grade, and Survival in Bladder Cancer Using Genome-wide Expression Data: A Validation Study
Martin Lauss, Markus Ringnér, and Mattias Höglund

Preclinical and Clinical Evidence that Deoxy-2-[18F]fluoro-D-glucose Positron Emission Tomography with Computed Tomography Is a Reliable Tool for the Detection of Early Molecular Responses to Erlotinib in Head and Neck Cancer
Sébastien Vergez, Jean-Pierre Delord, Fabienne Thomas, Philippe Rochaix, Olivier Caselles, Thomas Fillieron, Séverine Brillouet, Pierre Canal, Frédéric Courbon, and Ben C. Allal

Inconsistent Labeling of Food Effect for Oral Agents across Therapeutic Areas: Differences between Oncology and Non-Oncology Products
Soonmo Peter Kang and Mark J. Ratain

Histopathologic and Immunohistochemical Characterization of Rash to Human Epidermal Growth Factor Receptor 1 (HER1) and HER1/2 Inhibitors in Cancer Patients
Beatrice Nardone, Kimberly Nicholson, Marissa Newman, Joan Guitart, Pedram Gerami, Nicholas Talalrico, Ximing J. Yang, Alfred Rademaker, Dennis P. West, and Mario E. Lacouture
The Effectiveness of Off-Protocol Adjuvant Chemotherapy for Patients with Urothelial Carcinoma of the Urinary Bladder

Preclinical and Clinical Estimates of the Basal Apoptotic Rate of a Cancer Predict the Amount of Apoptosis Induced by Subsequent Proapoptotic Stimuli
Lian Zhang, Brian D. Kavanagh, Andrew M. Thorburn, and D. Ross Camidge

Correction: Biobehavioral, Immune, and Health Benefits following Recurrence for Psychological Intervention Participants

CYP2D6 Polymorphisms as Predictors of Outcome in Breast Cancer Patients Treated with Tamoxifen: Expanded Polymorphism Coverage Improves Risk Stratification
Werner Schroth, Ute Hamann, Peter A. Fasching, Silke Dauser, Stefan Winter, Michel Eichelbaum, Matthias Schwab, and Hiltrud Brauch

See commentary p. 4308

Preclinical and Clinical Estimates of the Basal Apoptotic Rate of a Cancer Predict the Amount of Apoptosis Induced by Subsequent Proapoptotic Stimuli
Lian Zhang, Brian D. Kavanagh, Andrew M. Thorburn, and D. Ross Camidge

Correction: Biobehavioral, Immune, and Health Benefits following Recurrence for Psychological Intervention Participants

CYP2D6 Polymorphisms as Predictors of Outcome in Breast Cancer Patients Treated with Tamoxifen: Expanded Polymorphism Coverage Improves Risk Stratification
Werner Schroth, Ute Hamann, Peter A. Fasching, Silke Dauser, Stefan Winter, Michel Eichelbaum, Matthias Schwab, and Hiltrud Brauch

See commentary p. 4308

ABOUT THE COVER
This is an original study providing, from preclinical models to patients, a reliable proof of \(^{18}\)FDG-PET/CT efficiency as a surrogate marker for the early evaluation of EGFR-TKI (erlotinib) efficacy that may improve diagnostic accuracy of molecular effect (ERK1/2). The image represents a facial sagittal section of an \(^{18}\)FDG-PET/CT of a patient with an oropharyngeal head and neck squamous cell carcinoma. It reveals a tumor \(^{18}\)FDG uptake before patient exposure to erlotinib. For further details, please see the article by Vergez and colleagues on page 4434 of this issue.