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Dennis J. Goussis and Leonidas C. Platanias

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### CCR New Strategies

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

### Molecular Pathways

**Overcoming Persistent Dependency on Androgen Signaling after Progression to Castration-Resistant Prostate Cancer**
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**PI(3)King Apart PTEN's Role in Cancer**
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### Report from the FDA

**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 McDougal, Anne Pilano, Raymond Chiang, Joseph E. Gootenberg, Patricia Keegan, and Richard Pazdur

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## HUMAN CANCER BIOLOGY

### Transcriptional Profiling of Polycythemia Vera Identifies Gene Expression Patterns Both Dependent and Independent from the Action of JAK2V617F

Windly Berkofsky-Fessler, Monica Buzza, Marianne K-H. Kim, Steven Fruchtmann, Vesna Najfeld, Dong-Joon Min, Fabricio F. Costa, Jared M. Bischof, Marcelo B. Soares, Melanie Jane McConnel, Weijia 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, Kateleen De Preter, Candy Kumps, Piotr Zabrocki, Michael Porcu, Ellen M. Westerhout, Arjan Lakeman, Jo Vandesompele, Jasmien Hoebeeck, Tom Van Maerken, Anne De Paepe, Genevieve Laureys, Johannes H. Schulte, Alexander Schramm, Caroline Van Den Broecke, Joëlle Vermeulen, Nadine Van Roy, Klaus Briese, Marleen Renard, Rosa Noguera, Olivier Delatte, 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
The Relationship between Prostate-Specific Antigen and Prostate Cancer Risk: The Prostate Biopsy Collaborative Group

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 Filleron, 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 Talarico, 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

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.

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

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

PREDICTIVE BIOMARKERS AND PERSONALIZED MEDICINE

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