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**The Context of Blood Vessels and Response to VEGF-Targeted Therapy**  
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### CCR Perspectives in Drug Approval

**Abiraterone Acetate in Combination with Prednisone for the Treatment of Patients with Metastatic Castration-Resistant Prostate Cancer: U.S. Food and Drug Administration Drug Approval Summary**  

### CCR Drug Updates

**Pralatrexate Pharmacology and Clinical Development**  
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### Molecular Pathways

**Molecular Pathways: Targeting MALT1 Paracaspase Activity in Lymphoma**  
Lorena Fontán and Ari Melnick

### Perspectives

**Anticipating the Clinical Use of Prognostic Gene Expression–Based Tests for Colon Cancer Stage II and III: Is Godot Finally Arriving?**  
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## Review

**Hepatocellular Carcinoma from an Immunologic Perspective**  
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### HUMAN CANCER BIOLOGY

**Poor Concordance among Nine Immunohistochemistry Classifiers of Cell-of-Origin for Diffuse Large B-Cell Lymphoma: Implications for Therapeutic Strategies**  
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**BRAF Fusions Define a Distinct Molecular Subset of Melanomas with Potential Sensitivity to MEK Inhibition**  

**HAb18G/CD147 Promotes pSTAT3-Mediated Pancreatic Cancer Development via CD44s**  
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### CANCER THERAPY: PRECLINICAL

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Ang-2-VEGF-A CrossMab, a Novel Bispecific Human IgG1 Antibody Blocking VEGF-A and Ang-2 Functions Simultaneously, Mediates Potent Antitumor, Antiangiogenic, and Antimetastatic Efficacy

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The Janus Kinases Inhibitor AZD1480 Attenuates Growth of Small Cell Lung Cancers In Vitro and In Vivo

Jih-Hsiang Lee, Kang-Seo Park, Anna Teresa Alberobello, Bhaskar Kallakury, Meng-Tzu Weng, Yisong Wang, and Giuseppe Giaccone

A Personalized Preclinical Model to Evaluate the Metastatic Potential of Patient-Derived Colon Cancer Initiating Cells

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A Novel Engineered Anti-CD20 Tracer Enables Early Time PET Imaging in a Humanized Transgenic Mouse Model of B-cell Non-Hodgkins Lymphoma

Arutselvan Natarajan, Benjamin J. Hackel, and Sanjiv Sam Gambhir

Loss of PTEN Expression Is Associated with Poor Prognosis in Patients with Intraductal Papillary Mucinous Neoplasms of the Pancreas


Epigenetic Inactivation of microRNA-34b/c Predicts Poor Disease-Free Survival in Early-Stage Lung Adenocarcinoma

The Residual Tumor Autophagy Marker LC3B Serves as a Prognostic Marker in Local Advanced Breast Cancer after Neoadjuvant Chemotherapy

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CANCER THERAPY: CLINICAL

Comparative Efficacy of Bisphosphonates in Metastatic Breast and Prostate Cancer and Multiple Myeloma: A Mixed-Treatment Meta-analysis

Carlo Palmieri, John R. Fullarton, and Janet Brown

Cladribine with Immediate Rituximab for the Treatment of Patients with Variant Hairy Cell Leukemia

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Phase I Study of Panobinostat plus Everolimus in Patients with Relapsed or Refractory Lymphoma

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Long-term Survival and Biomarker Correlates of Tasquinimod Efficacy in a Multicenter Randomized Study of Men with Minimally Symptomatic Metastatic Castration-Resistant Prostate Cancer


Phase I Trial of Preoperative Chemoradiation plus Sorafenib for High-Risk Extremity Soft Tissue Sarcomas with Dynamic Contrast-Enhanced MRI Correlates


The Effect of VEGF-Targeted Therapy on Biomarker Expression in Sequential Tissue from Patients with Metastatic Clear Cell Renal Cancer


Loss of NAPRT1 Expression by Tumor-Specific Promoter Methylation Provides a Novel Predictive Biomarker for NAMPT Inhibitors

David S. Shames, Kristi Elkins, Kimberly Walter, Thomas Holcomb, Pan Du, Dane Mohl, Yang Xiao, Thinh Pham, Peter M. Haverty, Bianca Liederer, Xiaorong Liang, Robert L. Yauch, Thomas O'Brien, Richard Bourgon, Hartmut Koeppe, and Lisa D. Belmont

Large-scale Analysis of PDGFRA Mutations in Melanomas and Evaluation of Their Sensitivity to Tyrosine Kinase Inhibitors Imatinib and Crenolanib

Jie Dai, Yan Kong, Lu Si, Zhihong Chi, Chuanliang Cui, Xian Sheng, Lili Mao, Siming Li, Bing Li, Rui Feng Yang, Shujing Liu, XiaoWei Xu, and Jun Guo

Tumor Stromal Architecture Can Define the Intrinsic Tumor Response to VEGF-Targeted Therapy


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Prognostic and Predictive Blood-Based Biomarkers in Patients with Advanced Pancreatic Cancer: Results from CALGB80303 (Alliance)

Andrew B. Nixon, Herbert Pang, Mark D. Starr, Paula N. Friedman, Monica M. Bertagnolli, Hediy L. Kindler, Richard M. Goldberg, Alan P. Venook, and Herbert I. Hurwit for the Alliance for Clinical Trials In Oncology

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Comprehensive Biomarker Analysis and Final Efficacy Results of Sorafenib in the BATTLE Trial


Evaluation and Clinical Analyses of Downstream Targets of the Akt Inhibitor GDC-0068

Yibing Yan, Violeta Serra, Ludmila Prudkin, Maurizio Scaltriti, Sumati Murli, Olga Rodriguez, Marta Guzman, Deepak Sampath, Michelle Nannini, Yuanyuan Xiao, Marie-Claire Wagle, Jenny Q. Wu, Matthew Wongchenko, Garret Hampton, Vanitha Ramakrishnan, Mark R. Lackner, Cristina Saura, Desamparados Roda, Andres Cervantes, Josep Tabernero, Premal Patel, and Jose Baselga

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ABOUT THE COVER

The cover shows drug distribution in a solid tumor derived from breast cancer cells in a mouse xenograft. Immunohistochemical staining shows enhanced doxorubicin distribution around functional blood vessels in mice pretreated with pantoprazole. For details, see the article by Patel and colleagues on page 6766 of this issue.