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### SPECIAL FEATURES

#### CCR Translations

- **Response to Combined Molecular Targeting: Defining the Role of P-STAT3**
  - Ann Marie Egloff and Jennifer R. Grandis
  - See article p. 483

#### CCR New Strategies

- **New Strategies in Acute Lymphoblastic Leukemia: Translating Advances in Genomics into Clinical Practice**
  - Charles G. Mullighan

#### Molecular Pathways

- **Tumor Suppressor CHK2: Regulator of DNA Damage Response and Mediator of Chromosomal Stability**
  - Ailine Stolz, Norman Ertych, and Holger Bastians

#### Review

- **Drug Transporters and Imatinib Treatment: Implications for Clinical Practice**

## HUMAN CANCER BIOLOGY

- **Comprehensive Mapping of p53 Pathway Alterations Reveals an Apparent Role for Both SNP309 and MDM2 Amplification in Sarcomagenesis**
  - Moriko Ito, Louise Barys, Terence O’Reilly, Sophie Young, Bella Gorbatechova, John Monahan, Sabine Zumstein-Mecker, Peter F. Choong, Ian Dickinson, Philip Crowe, Christine Hemmings, Jayesh Desai, David M. Thomas, and Joanna Lisztwan

- **Expression and Functional Significance of HtrA1 Loss in Endometrial Cancer**
  - Sally A. Mulllany, Mehdi Moslemi-Kebria, Ramandeep Rattan, Ashwani Khurana, Amy Clayton, Takayo Ota, Andrea Mariani, Karl C. Podratz, Jeremy Chien, and Vijji Shridhar

- **Endogenous Versus Tumor-Specific Host Response to Breast Carcinoma: A Study of Stromal Response in Synchronous Breast Primaries and Biopsy Site Changes**
  - Julie M. Wu, Andrew H. Beck, Lisa L. Pate, Daniela Witten, Shirley X. Zhu, Kelli D. Montgomery, Kimberly H. Allison, Matt van de Rijn, and Robert B. West

## CANCER THERAPY: PRECLINICAL

- **Vandetanib Improves Anti-Tumor Effects of L19mTNFα in Xenograft Models of Esophageal Cancer**
  - Marika Crescenzi, Luca Persano, Giovanni Esposito, Elisabetta Zulato, Laura Bors, Enrica Balza, Alberto Ruol, Ermanno Ancona, Stefano Indraccolo, and Alberto Amadori

- **Targeting the Urokinase Plasminogen Activator Receptor Inhibits Ovarian Cancer Metastasis**
  - Hilary A. Kenny, Payton Leonhardt, Andras Ladanji, S. Diane Yamada, Anthony Montag, Hae Kyung Im, Sujatha Jagadeeswaran, David E. Shaw, Andrew P. Mazar, and Ernst Lengyel
HGF Rescues Colorectal Cancer Cells from EGFR Inhibition via MET Activation
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Combined Blockade of Src Kinase and Epidermal Growth Factor Receptor with Gemcitabine Overcomes STAT3-Mediated Resistance of Inhibition of Pancreatic Tumor Growth
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Notch Pathway Inhibition Significantly Reduces Rhabdomyosarcoma Invasiveness and Mobility In Vitro
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Distinct Interactions Between c-Src and c-Met in Mediating Resistance to c-Src Inhibition in Head and Neck Cancer
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Forkhead Transcription Factor FOXO1 is a Direct Target of Progestin to Inhibit Endometrial Epithelial Cell Growth
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Conditionally Replicating Adenovirus Expressing TIMP2 for Ovarian Cancer Therapy

Longitudinal Investigation of Permeability and Distribution of Macromolecules in Mouse Malignant Transformation using PET
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Cancer Therapy Associated Bone Loss: Implications for Hip Fractures in Mid-Life Women with Breast Cancer
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A Pharmacodynamic Study of Docetaxel in Combination with the P-glycoprotein Antagonist Tariquidar (XR9576) In Patients with Lung, Ovarian, and Cervical Cancer

A Phase I Study of the Combination of Intravenous Reovirus Type 3 Dearing and Gemcitabine in Patients with Advanced Cancer
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Phase 1 Study of Valproic Acid in Pediatric Patients with Refractory Solid or CNS Tumors: A Children’s Oncology Group Report
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Modulation of Genetic and Epigenetic Biomarkers of Colorectal Cancer in Humans by Black Raspberries: A Phase I Pilot Study
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Pharmacokinetically Guided Phase 1 Trial of the IGF-1 Receptor Antagonist RG1507 in Children with Recurrent or Refractory Solid Tumors
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Genetic Polymorphisms Associated with a Prolonged Progression-Free Survival in Patients with Metastatic Renal Cell Cancer Treated with Sunitinib
Astrid A.M. van der Veldt, Karel Eechoute, Hans Gelderblom, Jourik Gietema, Henk-Jan Guchelaar, Nielka P. van Erp, Alfons J.M. van den Eertwegh, John B. Haanen, Ron H.J. Mathijsen, and Judith A.M. Wessels

Correction: Bevacizumab plus Fotemustine as First-line Treatment in Metastatic Melanoma Patients: Clinical Activity and Modulation of Angiogenesis and Lymphangiogenesis Factors

Correction: In vitro and Clinical Studies of Gene Therapy with Recombinant Human Adenovirus-p53 Injection for Oral Leukoplakia

ABOUT THE COVER

Rapid restoration of tumor microvasculature and perfusion in esophageal cancer xenografts treated with a vascular disrupting agent. Kyse-30 tumors were analyzed two weeks after administration of one single dose of the immunoconjugate L19mTNFa. Microvessels were stained by anti-CD31 (red), whereas perfusion was evaluated by injection of Dextran-FITC 70 kDa (green). Nuclei were stained by TOPRO-3 (blue). For further details, please see Crescenzi and coworkers on page 447 in this issue.