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New Strategies in Colorectal Cancer: Biomarkers of Response to Epidermal Growth Factor Receptor Monoclonal Antibodies and Potential Therapeutic Targets in Phosphoinositide 3-Kinase and Mitogen-Activated Protein Kinase Pathways
Arvind Dasari and Wells A. Messersmith

Killing the Killer: Natural Killer Cells to Treat Ewing's Sarcoma
Yong-Oon Ahn, Brenda Weigel, and Michael R. Verneris

Fluorescence Resonance Energy Transfer Biosensors for Cancer Detection and Evaluation of Drug Efficacy
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Deregulated Intracellular Signaling by Mutated c-CBL in Myeloid Neoplasms
Seishi Ogawa, Lee-Yung Shih, Takahiro Suzuki, Makoto Otsu, Hiromitsu Nakauchi, H. Phillip Koeffler, and Masashi Sanada

Predictive Biomarkers and Personalized Medicine

Dose-Dependent Association between UGT1A1*28 Genotype and Irinotecan-Induced Neutropenia: Low Doses Also Increase Risk
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Human Cancer Biology

Sperm DNA Integrity in Men Treated for Childhood Cancer
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GDF-15 Contributes to Proliferation and Immune Escape of Malignant Gliomas
Patrick Roth, Markus Junker, Isabel Tritschler, Michel Mittelbronn, Yvonne Dombrowski, Samuel N. Breit, Ghaizaleh Tabatabai, Wolfgang Wick, Michael Weller, and Jörg Wischhusen

Clinical Implications of Gene Dosage and Gene Expression Patterns in Diploid Breast Carcinoma
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CXCR2 Promotes Ovarian Cancer Growth through Dysregulated Cell Cycle, Diminished Apoptosis, and Enhanced Angiogenesis
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Cancer Therapy: Preclinical

Effects of Anti-VEGF Treatment Duration on Tumor Growth, Tumor Regrowth, and Treatment Efficacy
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Cytotoxicity of Activated Natural Killer Cells against Pediatric Solid Tumors
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Targeted Gene Silencing Using RGD-Labeled Chitosan Nanoparticles
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Inhibition of Src Impairs the Growth of Met-Addicted Gastric Tumors
Andrea Bertotti, Cecilia Bracco, Flavia Girolami, Davide Torti, Stefania Gastaldi, Francesco Galimi, Enzo Medico, Paul Elvin, Paolo M. Comoglio, and Livio Trusolin

Metabolic Approach to the Enhancement of Antitumor Effect of Chemotherapy: a Key Role of Acetyl-L-Carnitine
Claudio Pisano, Loredana Vesci, Ferdinando Maria Milazzo, Mario Berardino Guglielmi, Rosanna Foderà, Marcella Barbarino, Maurizio D’Incalci, Massimo Zucchetti, Giovanna Petrangolini, Monica Tortoreto, Paola Pereggi, Valentina Zuco, Augusto Orlandi, Daniela Passeri, Paolo Carminati, Claudio Cavazza, and Franco Zunino

Epithelial Membrane Protein-2 Is a Novel Therapeutic Target in Ovarian Cancer
Maoyong Fu, Erin L. Maresh, Robert A. Soslow, Mohammad Alavi, Vei Mah, Qin Zhou, Alexia Iasonos, Lee Goodglick, Lynn K. Gordon, Jonathan Braun, and Madhuri Wadewahra

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ABOUT THE COVER

CXC chemokine receptor 2 (CXCR2) expression in an ovarian cancer cell line detected by the immunofluorescent staining. Overexpression of CXCR2 in ovarian cancer cells leads to dysregulation of cell cycle, decreased apoptosis, and increased angiogenesis. The high level expression of CXCR2 also predicts poor prognosis in patients with high-grade ovarian serous carcinoma. For further details, please see the article by Yang and colleagues on page 3875 of this issue.
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