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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
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PREDICTIVE BIOMARKERS AND PERSONALIZED MEDICINE

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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
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CXCR2 Promotes Ovarian Cancer Growth through Dysregulated Cell Cycle, Diminished Apoptosis, and Enhanced Angiogenesis
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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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The Combination of a Histone Deacetylase Inhibitor with the Bcl-2 Homology Domain-3 Mimetic GX15-070 Has Synergistic Antileukemia Activity by Activating Both Apoptosis and Autophagy
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Metabolic Approach to the Enhancement of Antitumor Effect of Chemotherapy: a Key Role of Acetyl-l-Carnitine
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Epithelial Membrane Protein-2 Is a Novel Therapeutic Target in Ovarian Cancer
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A Novel FRET-Based Biosensor for the Measurement of BCR-ABL Activity and Its Response to Drugs in Living Cells
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Genetically Abnormal Circulating Cells in Lung Cancer Patients: An Antigen-Independent Fluorescence In situ Hybridization–Based Case-Control Study

BCIRG 001 Molecular Analysis: Prognostic Factors in Node-Positive Breast Cancer Patients Receiving Adjuvant Chemotherapy
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Phase II Trial of Short-Course R-Chop Followed by 90Y-Ibritumomab Tiuxetan in Previously Untreated High-Risk Elderly Diffuse Large B-Cell Lymphoma Patients
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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.