HUMAN CANCER BIOLOGY

Sperm DNA Integrity in Men Treated for Childhood Cancer
Patrick Romerius, Olof Ståhl, Christian Moell, Thomas Relander, Eva Cavallin-Ståhl, Helen Gustafsson, Kerstin Löfvander Thapper, Katarina Jepson, Marcello Spanò, Thomas Wiebe, Yvonne Lundberg Giwercman, and Aleksander Giwercman

GDF-15 Contributes to Proliferation and Immune Escape of Malignant Gliomas
Patrick Roth, Markus Junker, Isabel Tritschler, Michel Mittelbronn, Yvonne Dombrowski, Samuel N. Breit, Ghazaleh Tabatabai, Wolfgang Wick, Michael Weller, and Jörg Wischhusen

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Deregulated Intracellular Signaling by Mutated c-CBL in Myeloid Neoplasms
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Cytotoxicity of Activated Natural Killer Cells against Pediatric Solid Tumors
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Inhibition of Src Impairs the Growth of Met-Addicted Gastric Tumors
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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
Maoyong Fu, Erin L. Maresh, Robert A. Soslow, Mohammad Alavi, Wei Mah, Qin Zhou, Alexia Iasonos, Lee Goodglick, Lynn K. Gordon, Jonathan Braun, and Madhuri Wadehra

IMAGING, DIAGNOSIS, PROGNOSIS

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
Charles Dumontet, Maryla Krajewska, Isabelle Treilleux, John R. Mackey, Miguel Martin, Mathieu Rupin, Laurence Lafanèchère, and John C. Reed

CANCER THERAPY: CLINICAL

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
Pier Luigi Zinzani, Giuseppe Rossi, Silvia Franceschetti, Barbara Botto, Alice Di Rocco, Maria Giuseppina Cabras, Maria Concetta Petti, Vittorio Stefoni, Alessandro Broccoli, Stefano Fant, Cinzia Pellegrini, Gian Carlo Montini, Letizia Gandolfi, Enrico Derenzini, Lisa Argan, Mariapaola Fina, Alessandra Tucci, Chiara Bottelli, Stefano Pileri, and Michele Baccarani
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.