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A Role for Homologous Recombination and Abnormal Cell-Cycle Progression in Radioresistance of Glioma-Initiating Cells

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Peptidomimetic Src/Pretubulin Inhibitor KX-01 Alone and in Combination with Paclitaxel Suppresses Growth, Metastasis in Human ER/PR/HER2-Negative Tumor Xenografts
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TPI-287, a New Taxane Family Member, Reduces the Brain Metastatic Colonization of Breast Cancer Cells
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Evidence for the Ubiquitin Protease UBP43 as an Antineoplastic Target
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Dacomitinib (PF-00299804), an Irreversible Pan-HER Inhibitor, Inhibits Proliferation of HER2-Amplified Breast Cancer Cell Lines Resistant to Trastuzumab and Lapatinib

YM155 Reverses Cisplatin Resistance in Head and Neck Cancer by Decreasing Cytoplasmic Survivin Levels
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The Gamma Secretase Inhibitor MRK-003 Attenuates Pancreatic Cancer Growth in Preclinical Models
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Correction: Proanthocyanidins Inhibit In Vitro and In Vivo Growth of Human Non-Small Cell Lung Cancer Cells by Inhibiting the Prostaglandin E2 and Prostaglandin E2 Receptors
Yoko Matsuda, Masahito Hagiwara, Tomoko Seya, and Toshiyuki Ishiwata

Global Evaluation of Eph Receptors and Ephrins in Lung Adenocarcinomas Identifies EphA4 as an Inhibitor of Cell Migration and Invasion

The Novel BCR-ABL and FLT3 Inhibitor Ponatinib Is a Potent Inhibitor of the MDR-Associated ATP-Binding Cassette Transporter ABCG2
Rupashree Sen, Karthika Natarajan, Jaspreet Bhullar, Suneet Shukla, Hong-Bin Fang, Ling Cai, Zhe-Sheng Chen, Suresh V. Ambudkar, and Maria R. Baer

MLN0905, a Small-Molecule PLK1 Inhibitor, Induces Antitumor Responses in Human Models of Diffuse Large B-cell Lymphoma
Judy Quiju Shi, Kerri Lasky, Vashali Shinde, Bradley Stringer, Mark G. Qian, Debra Liao, Ray Liu, Denise Driscoll, Michelle Tighe Nestor, Benjamin S. Amidon, Youlan Rao, Matt O. Duffey, Mark G. Manfredi, Tricia J. Vos, Natalie D’ Amore, and Marc L. Hyer

Genetic Variation That Predicts Platinum Sensitivity Reveals the Role of miR-193b* in Chemotherapeutic Susceptibility
Dana Ziliak, Eric R. Gamazon, Bonnie LaCroix, Hae Kyung Im, Yuja Wen, and Rong Stephanie Huang

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ABOUT THE COVER

Immunohistochemical staining of colorectal cancer tissues using anti-FGFR2IIIc antibody. The tumor cell cytoplasm and cell membrane of adenocarcinoma showed strong immunoreactivity for FGFR2IIIc, which is a splicing isoform of FGFR2. FGFR2IIIc immunoreactivity was expressed in 27% of colorectal cancer cases, and this expression correlated with distant metastasis and poor prognosis. FGFR2IIIc-transfected colorectal cancer cells formed larger tumors in subcutaneous tissues and the cecum of immunodeficient mice. Fully human anti-FGFR2IIIc monoclonal antibody inhibited the growth and migration of colorectal cancer cells. For details, see the article by Matsuda and colleagues on page 2010.