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THERAPEUTIC DISCOVERY

2311  Targeting Protein Tyrosine Kinase 6 Enhances Apoptosis of Colon Cancer Cells following DNA Damage
Jessica J. Gierut, Priya S. Mathur, Wenjun Bie, Jin Han, and Angela L. Tyner

2321  Sangivamycin-like Molecule 6 Exhibits Potent Anti-Multiple Myeloma Activity through Inhibition of Cyclin-Dependent Kinase-9
Nathan G. Dolloff, Joshua E. Allen, David T. Dicker, Nicole Aqui, Dan Vogl, Jozef Malysz, Giampaolo Talamo, and Wafik S. El-Deiry

2331  In Situ Vaccination with CD204 Gene-Silenced Dendritic Cell, not Unmodified Dendritic Cell, Enhances Radiation Therapy of Prostate Cancer
Chunqing Guo, Huanfa Yi, Xiaofei Yu, Daming Zuo, Jie Qian, Gary Yang, Barbara A. Foster, John R. Subjeck, Xiaolei Sun, Ross B. Mikkelson, Paul B. Fisher, and Xiang-Yang Wang

2342  Inhibition of Monocarboxylate Transporter 2 Induces Senescence-Associated Mitochondrial Dysfunction and Suppresses Progression of Colorectal Malignancies In Vivo
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2352  Ceramide–Antiestrogen Nanoliposomal Combinations—Novel Impact of Hormonal Therapy in Hormone-Insensitive Breast Cancer
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2362  Smoking Induces Epithelial-to-Mesenchymal Transition in Non-Small Cell Lung Cancer through HDAC-Mediated Downregulation of E-Cadherin
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2373  Breakdown of the FLT3-ITD/STAT5 Axis and Synergistic Apoptosis Induction by the Histone Deacetylase Inhibitor Panobinostat and FLT3-Specific Inhibitors
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2384  Loss of the Malignant Phenotype of Human Neuroblastoma Cells by a Catalytically Inactive Dominant-Negative hTERT Mutant
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2394  Mechanism of Drug Efficacy Within the EGF Receptor Revealed by Microsecond Molecular Dynamics Simulation
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2401  Deficient DNA Damage Signaling Leads to Chemoresistance to Cisplatin in Oral Cancer
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2410  MicroRNA Regulation of Oncolytic Adenovirus 6 for Selective Treatment of Castration-Resistant Prostate Cancer
Zhenwei Zhang, Xuemei Zhang, Kam Newman, and Xinyuan Liu

2419  Selective Targeting of Interferon γ to Stromal Fibroblasts and Pericytes as a Novel Therapeutic Approach to Inhibit Angiogenesis and Tumor Growth
Ruchi Bansal, Tushar Tomar, Arne Östman, Klaas Poelstra, and Jai Prakash

2429  Inhibition of TGF-β Enhances the In Vivo Antitumor Efficacy of EGF Receptor-Targeted Therapy
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8-Amino-Adenosine Activates p53-Independent Cell Death of Metastatic Breast Cancers  
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Synthetic Lethal Screening with Small-Molecule Inhibitors Provides a Pathway to Rational Combination Therapies for Melanoma  
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Epithelial–Mesenchymal Transition and Stem Cell Markers in Patients with HER2-Positive Metastatic Breast Cancer  

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Targeting the Apoptotic Pathway in Chondrosarcoma Using Recombinant Human Apo2L/TRAIL (Dulanermin), a Dual Proapoptotic Receptor (DR4/DR5) Agonist  
Vivek Subbiah, Robert E. Brown, Jamie Buryanek, Jonathan Trent, Avi Ashkenazi, Roy Herbst, and Razelle Kurzrock
ABOUT THE COVER

May-Grünwald-Giemsa staining of IGR-N-91 neuroblastoma cells transduced with a dominant-negative (DN) variant of the catalytic subunit of the human telomerase (hTERT). Despite the use of high dose chemotherapy, stage 4-neuroblastoma patients have a dismal outcome, showing a need of new therapeutic approaches in these patients. A new link between telomerase biology and malignant neuroblast cell fate is discovered. Indeed, DN-hTERT transduction in a stage 4 neuroblastoma cell line promotes a switch from a neuronal to a substrate adherent phenotype and regulates key genes, leading to the loss of the malignant behavior of neuroblasts, thereby sensitizing them to anticancer drugs. Therefore, this finding has important implications in the development of novel strategies for neuroblastoma therapeutic management. For details, see article by Samy and colleagues on page 2384.