Highlights of This Issue 2445

EDITORIAL
2447 Targeting Insulin-Like Growth Factor Signaling: Rational Combination Strategies
David Olmos, Bristi Basu, and Johann S. de Bono

REVIEWS
2450 More than Markers: Biological Significance of Cancer Stem Cell-Defining Molecules
Stephen B. Keysar and Antonio Jimeno
2458 Triethylenetetramine Pharmacology and Its Clinical Applications
Jun Lu

THERAPEUTIC DISCOVERY
2468 Discovery and Characterization of Novel Mutant FLT3 Kinase Inhibitors

PRECLINICAL DEVELOPMENT
2545 The Novel Tryptamine Derivative JNJ-26854165 Induces Wild-Type p53- and E2F1-Mediated Apoptosis in Acute Myeloid and Lymphoid Leukemias
Kensuke Kojima, Jared K. Burks, Janine Arts, and Michael Andreeff

2558 BNP7787-Mediated Modulation of Paclitaxel- and Cisplatin-Induced Aberrant Microtubule Protein Polymerization In vitro
Aulma R. Parker, Pavankumar N. Petluru, Meizhen Wu, Min Zhao, Harry Kochat, and Frederick H. Hausheer

Dihydroartemisinin Induces Apoptosis by a Bak-Dependent Intrinsic Pathway
René Handrick, Teona Ontikatze, Kerstin-Daniela Bauer, Florian Freier, Amelie Rüebel, Jan Dürig, Claus Belka, and Verena Jendrossek

From NPC Therapeutic Target Identification to Potential Treatment Strategy

Architectonics of Phage-Liposome Nanowebs as Optimized Photosensitizer Vehicles for Photodynamic Cancer Therapy
Sreeram Kalarical Janardhanan, Shoba Narayan, Gopal Abbineni, Andrew Hayhurst, and Chuabin Mao

Substitution of Adenovirus Serotype 3 Hexon onto a Serotype 5 Oncolytic Adenovirus Reduces Factor X Binding, Decreases Liver Tropism, and Improves Antitumor Efficacy
Joshua J. Short, Angel A. Rivera, Hongju Wu, Mark R. Walter, Masato Yamamoto, J. Michael Mathis, and David T. Curiel
| 2568 | Histone Deacetylase Inhibition Attenuates Cell Growth with Associated Telomerase Inhibition in High-Grade Childhood Brain Tumor Cells |
| 2582 | A Combination of DR5 Agonistic Monoclonal Antibody with Gemcitabine Targets Pancreatic Cancer Stem Cells and Results in Long-term Disease Control in Human Pancreatic Cancer Model |
| 2593 | Combination of Two Insulin-Like Growth Factor-I Receptor Inhibitory Antibodies Targeting Distinct Epitopes Leads to an Enhanced Antitumor Response |
| 2605 | Urokinase Plasminogen Activator Receptor and/or Matrix Metalloproteinase-9 Inhibition Induces Apoptosis Signaling through Lipid Rafts in Glioblastoma Xenograft Cells |

MOLECULAR MEDICINE IN PRACTICE

| 2618 | The Novel Hsp90 Inhibitor NXD30001 Induces Tumor Regression in a Genetically Engineered Mouse Model of Glioblastoma Multiforme |
| 2627 | Molecular Therapy Targeting Sonic Hedgehog and Hepatocyte Growth Factor Signaling in a Mouse Model of Medulloblastoma |

CORRECTION

| 2637 | Correction: ErbB-Inhibitory Protein: A Modified Ectodomain of Epidermal Growth Factor Receptor Synergizes with Dasatinib to Inhibit Growth of Breast Cancer Cells |

ABOUT THE COVER

A new nanoweb-like drug delivery system integrating cationic liposomes that encapsulated photosensitizer and filamentous M13 phages that were genetically engineered to display anionic peptides on side walls was developed. Morphological evolution of the phage-liposome complexes was studied, and their chemical and biological properties were evaluated for possible application in drug delivery. The study highlights the ability of the phage-liposome nanowebs to serve as efficient carriers to transport photosensitizer to cancer cells. For details, see article by Kalarical Janardhanan and colleagues on page 2524.