Highlights of This Issue 1125

REVIEW

1127 Novel Therapeutic Options in Anaplastic Large Cell Lymphoma: Molecular Targets and Immunological Tools Olaf Merkel, Frank Hamacher, Eveline Sifft, Lukas Kenner, and Richard Greil for the European Research Initiative on Anaplastic Large Cell Lymphoma

THERAPEUTIC DISCOVERY

1137 Expression Signatures of the Lipid-Based Akt Inhibitors Phosphatidylinositol Ether Lipid Analogues in NSCLC Cells Chunyu Zhang, Abdel G. Elkahloun, Hongling Liao, Shannon Delaney, Barbara Saber, Betsy Morrow, George C. Prendergast, M. Christine Hollander, Joell J. Gills, and Phillip A. Dennis

1149 Silencing IL-13Rα2 Promotes Glioblastoma Cell Death via Endogenous Signaling Linda C. Hsi, Suman Kundu, Juan Palomo, Bo Xu, Ryan Ficco, Michael A. Vogelbaum, and Martha K. Cathcart

1161 Cannabidiol Induces Programmed Cell Death in Breast Cancer Cells by Coordinating the Cross-talk between Apoptosis and Autophagy Ashutosh Shirivastava, Paula M. Kuzentkosi, Jerome E. Groopman, and Anil Prasad

PRECLINICAL DEVELOPMENT

1173 Time-Course Imaging of Therapeutic Functional Tumor Vascular Normalization by Antiangiogenic Agents Qingbei Zhang, Vytaas Bindokas, Jikun Shen, Hanli Fan, Robert M. Hoffman, and H. Rosie Xing


1194 Hsp90 Inhibitor-Mediated Disruption of Chaperone Association of ATR with Hsp90 Sensitizes Cancer Cells to DNA Damage Kyungsoo Ha, Warren Fiskus, Rokha Rao, Ramesh Balusu, Sreedhar Venkannagari, Narasimha Rao Nalabothula, and Kapil N. Bhalla

1207 Pharmacodynamic Evaluation of the Target Efficacy of SB939, an Oral HDAC Inhibitor with Selectivity for Tumor Tissue Veronica Novotny-Diermayr, Nina Sausgruber, Yung Kiang Loh, Mohammed Khalid Pasha, Ramesh Jayaraman, Hannes Hentze, Wei-Peng Yong, Boon-Cher Goh, Han-Chong Toh, Kantharaj Ethirajulu, Joy Zhu, and Jeanette Marjorie Wood


1229 Characterization of the Oncogenic Activity of the Novel TRIM59 Gene in Mouse Cancer Models Fatma Valiyeva, Fei Jiang, Ahmed Elmaadawi, Madeleine Moussa, Su-Pok Yee, Leda Raptis, Jonathan I. Izawa, Burton B. Yang, Norman M. Greenberg, Fen Wang, and Jim W. Xuan
Sorafenib Enhances the Antitumor Effects of Chemoradiation Treatment by Downregulating ERCC-1 and XRCC-1 DNA Repair Proteins
Arti Yadav, Bhavna Kumar, Theodoros N. Teknos, and Pawan Kumar

Novel Acrylonitrile Derivatives, YHO-13177 and YHO-13351, Reverse BCRP/ABCG2-Mediated Drug Resistance In Vitro and In Vivo
Ryuta Yamazaki, Yukiko Nishiyama, Tomio Furuta, Hiroshi Hatano, Yoshiaki Igarashi, Naoyuki Asakawa, Hiroshi Kodaira, Hiroyuki Takahashi, Ritsuuo Aiyama, Takeshi Matsuzaki, Nao Yagi, and Yoshikazu Sugimoto

Synergistic Antitumor Activity of Gemcitabine and ABT-737 In Vitro and In Vivo through Disrupting the Interaction of USP9X and Mcl-1
Chong Zhang, Tian-yu Cai, Hong Zhu, Lui-qing Yang, Hai Jiang, Xiao-wu Dong, Yong-zhou Hu, Neng-ming Lin, Qiao-jun He, and Bo Yang

Chemotherapy Dosing Schedule Influences Drug Resistance Development in Ovarian Cancer
Raquel De Souza, Payam Zahedi, Rose M. Badame, Christine Allen, and Micheline Piquette-Miller

Phase I Trial of Hepatic Arterial Infusion of Nanoparticle Albumin–Bound Paclitaxel: Toxicity, Pharmacokinetics, and Activity
Siqing Fu, Aung Naing, Stacy L. Moulder, Kirk S. Culotta, David C. Madoff, Chaaan S. Ng, Timothy L. Madden, Gerald S. Falchook, David S. Hong, and Razelle Kurzrock

A novel TRIM family member TRIM59 has proto-oncogenic activity in a transgenic mouse prostate cancer modeling test. Restricted TRIM59 gene expression in the mouse prostate using a prostate tissue-specific gene (PSP94) revealed the full potential for tumorigenesis and developed poorly differentiated cancer of the prostate and comedocarcinoma, which had features of neurocarcinoma (small cell carcinoma) and central necrosis. The PSP94-TRIM59 mice coincided with the upregulation of genes specific to the Ras signaling pathway and bridging genes for SV40Tag-mediated oncogenesis. For details, see the article by Valiyeva and colleagues on page 1229.
Molecular Cancer Therapeutics

10 (7)


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