

Highlights of This Issue 2165

SMALL MOLECULE THERAPEUTICS

2167 Sensitivity of Small Cell Lung Cancer to BET Inhibition Is Mediated by Regulation of *ASCL1* Gene Expression

Ryan Lenhart, Stefan Kirov, Heshani Desilva, Jian Cao, Ming Lei, Kathy Johnston, Russell Peterson, Liang Schweizer, Ashok Purandare, Petra Ross-Macdonald, Craig Fairchild, Tai Wong, and Susan Wee

2175 Assessment of the *In Vivo* Activity of PI3K and MEK Inhibitors in Genetically Defined Models of Colorectal Cancer

Meera Raja, Matt Zverev, Katja Seipel, Geraint T. Williams, Alan R. Clarke, and Paul H.S. Shaw

2187 BGB-283, a Novel RAF Kinase and EGFR Inhibitor, Displays Potent Antitumor Activity in *BRAF*-Mutated Colorectal Cancers

Zhiyu Tang, Xi Yuan, Rong Du, Shing-Hu Cheung, Guoliang Zhang, Jing Wei, Yuan Zhao, Yingcai Feng, Hao Peng, Yi Zhang, Yunguang Du, Xiaoxia Hu, Wenfeng Gong, Yong Liu, Yajuan Gao, Ye Liu, Rui Hao, Shengjian Li, Shaohui Wang, Jiafu Ji, Lianhai Zhang, Shuangxi Li, David Sutton, Min Wei, Changyou Zhou, Lai Wang, and Lusong Luo

2198 Intrapulmonary Delivery of CpG Microparticles Eliminates Lung Tumors

Takashi Sato, Takeshi Shimosato, Atsuhisa Ueda, Yoshiaki Ishigatsubo, and Dennis M. Klinman

2206 Integrating Image-Based High-Content Screening with Mouse Models Identifies 5-Hydroxydecanoate as a Neuroprotective Drug for Paclitaxel-Induced Neuropathy

Li-Hsien Chen, Yuan-Ting Sun, Yih-Fung Chen, Mei-Yi Lee, Lian-Yun Chang, Jang-Yang Chang, and Meng-Ru Shen

2215 R-Ketorolac Targets Cdc42 and Rac1 and Alters Ovarian Cancer Cell Behaviors Critical for Invasion and Metastasis

Yuna Guo, S. Ray Kenney, Carolyn Y. Muller, Sarah Adams, Teresa Rutledge, Elsa Romero, Cristina Murray-Krezan, Rytis Prekeris, Larry A. Sklar, Laurie G. Hudson, and Angela Wandinger-Ness

2228 Anticancer Properties of a Novel Class of Tetrafluorinated Thalidomide Analogues

Shaunna L. Beedie, Cody J. Peer, Steven Pisle, Erin R. Gardner, Chris Mahony, Shelby Barnett, Agnieszka Ambrozak, Michael Gütschow, Cindy H. Chau, Neil Vargesson, and William D. Figg

2238 Antitumor Activity and Acquired Resistance Mechanism of Dovitinib (TKI258) in *RET*-Rearranged Lung Adenocarcinoma

Chan Woo Kang, Kang Won Jang, Jinyoung Sohn, Sung-Moo Kim, Kyoung-Ho Pyo, Hwan Kim, Mi Ran Yun, Han Na Kang, Hye Ryun Kim, Sun Min Lim, Yong Wha Moon, Soonmyung Paik, Dae Joon Kim, Joo Hang Kim, and Byoung Chul Cho

2249 Inhibition of Wild-Type p53-Expressing AML by the Novel Small Molecule HDM2 Inhibitor CGM097

Ellen Weisberg, Ensar Halilovic, Vesselina G. Cooke, Atsushi Nonami, Tao Ren, Takaomi Sanda, Irene Simkin, Jing Yuan, Brandon Antonakos, Louise Barys, Moriko Ito, Richard Stone, Ilene Galinsky, Kristen Cowens, Erik Nelson, Martin Sattler, Sebastien Jeay, Jens U. Wuerthner, Sean M. McDonough, Marion Wiesmann, and James D. Griffin

2260 Targeting c-MYC in Platinum-Resistant Ovarian Cancer

Jeyshka M. Reyes-González, Guillermo N. Armaiz-Peña, Linge Gowda S. Mangala, Fatma Valiyeva, Cristina Ivan, Sunila Pradeep, Ileabett M. Echevarría-Vargas, Adrian Rivera-Reyes, Anil K. Sood, and Pablo E. Vivas-Mejía

LARGE MOLECULE THERAPEUTICS

2270 Redesigning a Monospecific Anti-FGFR3 Antibody to Add Selectivity for FGFR2 and Expand Antitumor Activity

Yiyuan Yin, Stevan Djakovic, Scot Marsters, Janet Tien, Jing Peng, Jarrod Tremayne, Genee Lee, Richard M. Neve, Yan Wu, Mark Merchant, Avi Ashkenazi, and Paul J. Carter

2279 Gene Knockdown by EpCAM Aptamer-siRNA Chimeras Suppresses Epithelial Breast Cancers and Their Tumor-Initiating Cells

Adi Gilboa-Geffen, Peter Hamar, Minh T.N. Le, Lee Adam Wheeler, Radiana Trifonova, Fabio Petrocca, Anders Wittrup, and Judy Lieberman

Table of Contents

CANCER BIOLOGY AND SIGNAL TRANSDUCTION

- 2292** Antitumor Effects and Mechanisms of AZD4547 on FGFR2-Deregulated Endometrial Cancer Cells

Yeonui Kwak, Hanna Cho, Wooyoung Hur, and Taeho Sim

- 2303** Sphingosine Kinase-1 Protects Multiple Myeloma from Apoptosis Driven by Cancer-Specific Inhibition of RTKs

Shuntaro Tsukamoto, Yuhui Huang, Motofumi Kumazoe, Connie Lesnick, Shuhei Yamada, Naoki Ueda, Takashi Suzuki, Shuya Yamashita, Yoon Hee Kim, Yoshinori Fujimura, Daisuke Miura, Neil E. Kay, Tait D. Shanafelt, and Hirofumi Tachibana

- 2313** miR-124 Regulates the Epithelial-Restricted with Serine Box/Epidermal Growth Factor Receptor Signaling Axis in Head and Neck Squamous Cell Carcinoma

Manchao Zhang, Longzhu Piao, Jharna Datta, James C. Lang, Xiujie Xie, Theodoros N. Teknos, Anna K. Mapp, and Quintin Pan

- 2321** Differences in Expression of Key DNA Damage Repair Genes after Epigenetic-Induced BRCAness Dictate Synthetic Lethality with PARP1 Inhibition

Adrian P. Wiegman, Pei-Yi Yap, Amber Ward, Yi Chieh Lim, and Kum Kum Khanna

- 2332** The 1,2-Diaminocyclohexane Carrier Ligand in Oxaliplatin Induces p53-Dependent Transcriptional Repression of Factors Involved in Thymidylate Biosynthesis

Shinichi Kiyonari, Makoto Iimori, Kazuaki Matsuoka, Sugiko Watanabe, Tomomi Morikawa-Ichinose, Daisuke Miura, Shinichiro Niimi, Hiroshi Saeki, Eriko Tokunaga, Eiji Oki, Masaru Morita, Kenji Kadomatsu, Yoshihiko Maehara, and Hiroyuki Kitao

- 2343** Silencing Egr1 Attenuates Radiation-Induced Apoptosis in Normal Tissues while Killing Cancer Cells and Delaying Tumor Growth



Diana Yi Zhao, Keith M. Jacobs, Dennis E. Hallahan, and Dinesh Thotala

- 2353** Met Signaling Cascade Is Amplified by the Recruitment of Phosphorylated Met to Lipid Rafts via CD24 and Leads to Drug Resistance in Endometrial Cancer Cell Lines

Yoshihiro Joshua Ono, Akiko Tanabe, Tomohito Tanaka, Yoshimichi Tanaka, Masami Hayashi, Yoshito Terai, and Masahide Ohmichi

- 2364** Antileukemic Activity of 2-Deoxy-D-Glucose through Inhibition of N-Linked Glycosylation in Acute Myeloid Leukemia with *FLT3-ITD* or *c-KIT* Mutations

Clément Larrue, Estelle Saland, François Vergez, Nizar Serhan, Eric Delabesse, Véronique Mansat-De Mas, Marie-Anne Hospital, Jérôme Tamburini, Stéphane Manenti, Jean Emmanuel Sarry, and Christian Récher

COMPANION DIAGNOSTICS AND CANCER BIOMARKERS

- 2374** Polymorphisms in Genes Involved in EGFR Turnover Are Predictive for Cetuximab Efficacy in Colorectal Cancer

Sebastian Stintzing, Wu Zhang, Volker Heinemann, Daniel Neureiter, Ralf Kemmerling, Thomas Kirchner, Andreas Jung, Matthias Folwaczny, Dongyun Yang, Yan Ning, Ana Sebio, Stefan Stremtizer, Yu Sunakawa, Satoshi Matsusaka, Shinichi Yamauchi, Fotios Loupakis, Chiara Cremolini, Alfredo Falcone, and Heinz-Josef Lenz

MODELS AND TECHNOLOGIES

- 2382** NSCLC Driven by *DDR2* Mutation Is Sensitive to Dasatinib and JQ1 Combination Therapy

Chunxiao Xu, Kevin A. Buczkowski, Yanxi Zhang, Hajime Asahina, Ellen M. Beauchamp, Hideki Terai, Yvonne Y. Li, Matthew Meyerson, Kwok-kin Wong, and Peter S. Hammerman

- 2390** Improvement of Stability and Efficacy of C16Y Therapeutic Peptide via Molecular Self-Assembly into Tumor-Responsive Nanoformulation

Yanping Ding, Tianjiao Ji, Ying Zhao, Yinlong Zhang, Xiaozheng Zhao, Ruifang Zhao, Jiayan Lang, Xiao Zhao, Jian Shi, Saraswati Sukumar, and Guangjun Nie

- 2401** Cytokeratin-20 and Survivin-Expressing Circulating Tumor Cells Predict Survival in Metastatic Colorectal Cancer Patients by a Combined Immunomagnetic qRT-PCR Approach

Yan Ning, Diana L. Hanna, Wu Zhang, Angela Mendez, Dongyun Yang, Rita El-Khoueiry, Satoshi Matsusaka, Yu Sunakawa, Stefan Stremtizer, Anish Parekh, Satoshi Okazaki, Martin D. Berger, Afsaneh Barzi, and Heinz-Josef Lenz



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Table of Contents

ABOUT THE COVER

5-hydroxydecanoate (5-HD) is a potential neuroprotective drug in cortical neurons. Paclitaxel has a potent toxicity on neuron viability, neurite morphology, and synaptic formation. 5-HD, screened from compound libraries, exhibited the most significant neuroprotective effects against paclitaxel-induced neurotoxicity. Using an image-based high-content platform, 5-HD decreased paclitaxel-induced damage to viability, neurite outgrowth, and synaptogenesis in cortical neurons. For details, see the article by Chen and colleagues on page 2206.

