Highlights of This Issue 1

CHEMICAL THERAPEUTICS DISCOVERY & PRECLINICAL DEVELOPMENT

Simultaneous Targeting of COX-2 and AKT Using Selenocoxib-1-GSH to Inhibit Melanoma
Raghavendra Gowda, SubbaRao V. Madhunapantula, Dhimant Desai, Shantu Amin, and Gavin P. Robertson

Antitumor Activity of Saracatinib (AZD0530), a c-Src/Abl Kinase Inhibitor, Alone or in Combination with Chemotherapeutic Agents in Gastric Cancer
Hyun-Jin Nam, Seock-Ah Im, Do-Youn Oh, Paul Elvin, Hwang-Phil Kim, Young-Kwang Yoon, Ahrum Min, Sang-Hyun Song, Sae-Won Han, Tae-You Kim, and Yung-Jue Bang

Antitumor Activity of a Duocarmycin Analogue Rationalized to Be Metabolically Activated by Cytochrome P450 1A1 in Human Transitional Cell Carcinoma of the Bladder
Mark Sutherland, Jason H. Gill, Paul M. Loadman, Jonathan P. Laye, Helen M. Sheldrake, Nicola A. Illingworth, Mohammed N. Alandad, Patricia A. Cooper, Mark Searcey, Klaus Pors, Steve D. Shnyder, and Laurence H. Patterson

LARGE MOLECULE THERAPEUTICS DISCOVERY & PRECLINICAL DEVELOPMENT

Long-term Tumor Regression Induced by an Antibody–Drug Conjugate That Targets ST4, an Oncofetal Antigen Expressed on Tumor-Initiating Cells

A Recombinant Immunotoxin against the Tumor-Associated Antigen Mesothelin Reengineered for High Activity, Low Off-Target Toxicity, and Reduced Antigenicity
John E. Weldon, Laiman Xiang, Jingli Zhang, Richard Beers, Dawn A. Walker, Masanori Onda, Raffit Hassan, and Ira Pastan

Plk1 Phosphorylation of Orc2 and Hbo1 Contributes to Gemcitabine Resistance in Pancreatic Cancer
Bing Song, X. Shawn Liu, Steven J. Rice, Shihuan Kuang, Bennett D. Elzey, Stephen F. Konieczny, Timothy L. Ratliff, Tony Hatzib, Elena G. Chiorean, and Xiaoliu Liu

COMPANION DIAGNOSTICS AND CANCER BIOMARKERS

miR-148b Functions as a Tumor Suppressor in Pancreatic Cancer by Targeting AMPKα1
Gang Zhao, Jun-Gang Zhang, Yang Liu, Qi Qin, Bo Wang, Kui Tian, Lin Liu, Xiang Li, Yi Niu, Shi-Chang Deng, and Chun-You Wang

Reversing Effect of Ring Finger Protein 43 Inhibition on Malignant Phenotypes of human Hepatocellular Carcinoma
Chunyang Xing, Wuhua Zhou, Songming Ding, Haiyang Xie, Wu Zhang, Zhe Yang, Bajin Wei, Kangjie Chen, Rong Su, Jun Cheng, Shusen Zheng, and Lin Zhou
Genome and Transcriptome Sequencing in Prospective Metastatic Triple-Negative Breast Cancer Uncovers Therapeutic Vulnerabilities

Correction: Sensitization to Radiation and Alkylating Agents by Inhibitors of Poly(ADP-ribose) Polymerase Is Enhanced in Cells Deficient in DNA Double Strand Break Repair

ABOUT THE COVER
RING finger proteins are involved in numerous cancer-related processes such as cell cycle, apoptosis, and DNA repair. Knockdown of RNF43, a recently identified new member of Ring finger family, inhibited both growth and invasion of HCC cells. Immunofluorescence showed that after RNF43 knockdown, the stress fiber formation of HCC cells was suppressed compared with control group and this was coincident with decreased cell migration ability. For details, see article by Xing and colleagues on page 94.
Molecular Cancer Therapeutics

12 (1)


Updated version
Access the most recent version of this article at:
http://mct.aacrjournals.org/content/12/1

E-mail alerts
Sign up to receive free email-alerts related to this article or journal.

Reprints and Subscriptions
To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

Permissions
To request permission to re-use all or part of this article, use this link http://mct.aacrjournals.org/content/12/1. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.