

Molecular Cancer Therapeutics

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Research Articles: Targets

- The rice bran constituent triclinic acid potently inhibits cyclooxygenase enzymes and interferes with intestinal carcinogenesis in *Apc^{Min}* mice**1287
Hong Cai, Mohammad Al-Fayez, Richard G. Tunstall, Sharon Platton, Peter Greaves, William P. Steward, and Andreas J. Gescher
- Tissue transglutaminase 2 inhibition promotes cell death and chemosensitivity in glioblastomas**1293
Liya Yuan, Kihang Choi, Chaitan Khosla, Xiao Zheng, Ryuji Higashikubo, Michael R. Chicoine, and Keith M. Rich

Research Articles: Therapeutics

- BRAF status and mitogen-activated protein/extracellular signal-regulated kinase kinase 1/2 activity indicate sensitivity of melanoma cells to anthrax lethal toxin**1303
Ralph J. Abi-Habib, Jeffrey O. Urieto, Shihui Liu, Stephen H. Leppla, Nicholas S. Duesbery, and Arthur E. Frankel
- Chemical ablation of androgen receptor in prostate cancer cells by the histone deacetylase inhibitor LAQ824**1311
Liwei Chen, Songshu Meng, Hai Wang, Purva Bali, Wenlong Bai, Benyi Li, Peter Atadja, Kapil N. Bhalla, and Jie Wu
- Resistance to TRAIL is associated with defects in ceramide signaling that can be overcome by exogenous C₆-ceramide without requiring down-regulation of cellular FLICE inhibitory protein**1320
Christina Voelkel-Johnson, Yusuf A. Hannun, and Ahmed El-Zawahry
- Potentiation of paclitaxel-induced apoptosis by the novel cyclin-dependent kinase inhibitor NU6140: a possible role for survivin down-regulation**1328
Marzia Pennati, Allyson J. Campbell, Maria Curto, Mara Binda, YuZhu Cheng, Lan-Zeng Wang, Nicola Curtin, Bernard T. Golding, Roger J. Griffin, Ian R. Hardcastle, Andrew Henderson, Nadia Zaffaroni, and David R. Newell
- Modulation of cell cycle and gene expression in pancreatic tumor cell lines by methionine deprivation (methionine stress): implications to the therapy of pancreatic adenocarcinoma**1338
Demetrius M. Kokkinakis, XiaoYan Liu, and Russell D. Neuner
- The phosphatidylinositol-3-kinase inhibitor PX-866 overcomes resistance to the epidermal growth factor receptor inhibitor gefitinib in A-549 human non-small cell lung cancer xenografts**1349
Nathan T. Ihle, Gillian Paine-Murrieta, Margareta I. Berggren, Amanda Baker, Wendy R. Tate, Peter Wipf, Robert T. Abraham, D. Lynn Kirkpatrick, and Garth Powis

contents continued

Cyclooxygenase-independent down-regulation of multidrug resistance-associated protein-1 expression by celecoxib in human lung cancer cells	1358
He-Kyung Kang, Eunmyong Lee, Hongryull Pyo, and Soo-Jeong Lim	
Poly(ADP-ribose) polymerase-1 inhibition reverses temozolomide resistance in a DNA mismatch repair-deficient malignant glioma xenograft	1364
C. Lynn Cheng, Stewart P. Johnson, Stephen T. Keir, Jennifer A. Quinn, Francis Ali-Osman, Csaba Szabo, Hongshan Li, Andrew L. Salzman, M. Eileen Dolan, Paul Modrich, Darell D. Bigner, and Henry S. Friedman	
An evaluation of the ability of pifithrin-α and -β to inhibit p53 function in two wild-type p53 human tumor cell lines	1369
Mike I. Walton, Stuart C. Wilson, Ian R. Hardcastle, Amin R. Mirza, and Paul Workman	
Inhibition of human tumor cell growth <i>in vivo</i> by an orally bioavailable inhibitor of CDC25 phosphatases	1378
Marie-Christine Brezak, Muriel Quaranta, Marie-Odile Contour-Galcera, Olivier Lavergne, Odile Mondesert, Pierrick Auvray, Philip G. Kasprzyk, Gregoire P. Prevost, and Bernard Ducommun	
Effects of a series of organosulfur compounds on mitotic arrest and induction of apoptosis in colon cancer cells	1388
Danhua Xiao, John T. Pinto, Gregg G. Gundersen, and I. Bernard Weinstein	
Inhibition of invasion, angiogenesis, tumor growth, and metastasis by adenovirus-mediated transfer of antisense uPAR and MMP-9 in non-small cell lung cancer cells	1399
Jasti S. Rao, Christopher Gondi, Chandramu Chetty, Subramanyam Chittivelu, Pushpa A. Joseph, and Sajani S. Lakka	
Matrix metalloproteinase inhibitor MMI-166 inhibits lymphogenous metastasis in an orthotopically implanted model of lung cancer	1409
Haruhiko Fujino, Kazuya Kondo, Hisashi Ishikura, Hideo Maki, Hidetaka Kinoshita, Takanori Miyoshi, Yuji Takahashi, Naruhiko Sawada, Hiromitsu Takizawa, Taeko Nagao, Shoji Sakiyama, and Yasumasa Monden	
Modulation of intratumoral hypoxia by the epidermal growth factor receptor inhibitor gefitinib detected using small animal PET imaging	1417
Benjamin Solomon, David Binns, Peter Roselt, Leonard I. Weibe, Grant A. McArthur, Carleen Cullinane, and Rodney J. Hicks	
Vascular endothelial growth factor selectively targets boronated dendrimers to tumor vasculature	1423
Marina V. Backer, Timur I. Gaynutdinov, Vimal Patel, Achintya K. Bandyopadhyaya, B.T.S. Thirumamagal, Werner Tjarks, Rolf F. Barth, Kevin Claffey, and Joseph M. Backer	
Effects of a novel immunomodulating agent, FTY720, on tumor growth and angiogenesis in hepatocellular carcinoma	1430
Joanna W.Y. Ho, Kwan Man, Chris K. Sun, Terence K. Lee, Ronnie T.P. Poon, and Sheung Tat Fan	

Low-dose cisplatin protects human neuroblastoma SH-SY5Y cells from paclitaxel-induced apoptosis1439
Daniela Villa, Mariarosaria Miloso, Gabriella Nicolini, Roberta Rigolio, Antonello Villa, Guido Cavaletti, and Giovanni Tredici

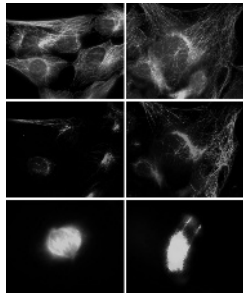
Minireview

Interaction between epidermal growth factor receptor- and cyclooxygenase 2-mediated pathways and its implications for the chemoprevention of head and neck cancer1448
Mi Sun Choe, Xin Zhang, Hyung Ju C. Shin, Dong M. Shin, and Zhuo (Georgia) Chen

Correction

Article on antibody-endostatin fusion protein1456

Information for Authors i



On the Cover

Immunofluorescence staining of NIH3T3 cells treated with DMSO (control, *left column*) or diallyl disulfide (56 $\mu\text{mol/L}$, *right column*), a garlic-derived organosulfur compound. In interphase cells, treatment with diallyl disulfide induces micronuclei formation (*right column, upper panel*) and microtubule stabilization (*right column, middle panel*). In mitotic cells, treatment with diallyl disulfide interferes with spindle-MT functions and induces the formation of lagging chromosomes (*right column, lower panel*). Chromosomal DNA is stained *blue*; microtubules, *green*; and stabilized microtubules, *red*. For details, see Xiao et al. in this issue.