

INTERNATIONAL JOURNAL OF ONCOLOGY

CONTENTS:

ISSN 1019-6439 eISSN 1791-2423

Volume 33, Number 4, October 2008

Cover legend: ANNA SAPINO	635
Histone deacetylase inhibitors: Apoptotic effects and clinical implications (Review). S. EMANUELE, M. LAURICELLA and G. TESORIERE (Palermo, Italy)	637
Growth inhibitory effects of pegylated IFN- α 2b and 5-fluorouracil in combination on renal cell carcinoma cell lines <i>in vitro</i> and <i>in vivo</i> . F. MORIYA, S. OGASAWARA, Y. BASAKI, J. AKIBA, S. KOJIRO, S. FUKAHORI, H. ISHIZAKI, N. NISHIDA, K. MATSUOKA, M. KOJIRO, M. KUWANO and H. YANO (Kurume; Fukuoka, Japan)	647
Dietary isothiocyanate mediated apoptosis of human cancer cells is associated with Bcl-xL phosphorylation. A. BASU and S. HALDAR (Cleveland, OH, USA)	657
Targeting metastatic cancer from the inside: A new generation of targeted gene delivery vectors enables personalized cancer vaccination <i>in situ</i> . E.M. GORDON, J.P. LEVY, R.A. REED, W.N. PETCHPUD, L. LIU, C.B. WENDLER and F.L. HALL (San Marino, CA; Los Angeles, CA, USA)	665
Low doses of paclitaxel potently induce apoptosis in human retinoblastoma Y79 cells by up-regulating E2F1. R. DRAGO-FERRANTE, A. SANTULLI, R. DI FIORE, M. GIULIANO, G. CALVARUSO, G. TESORIERE and R. VENTO (Palermo; Trapani, Italy)	677
Tailor-made approach to photodynamic therapy in the treatment of cancer based on Bcl-2 photodamage. J. USUDA, T. HIRATA, S. ICHINOSE, T. ISHIZUMI, T. INOUE, K. OHTANI, S. MAEHARA, M. YAMADA, H. TSUTSUI, T. OKUNAKA, H. KATO and N. IKEDA (Tokyo, Japan)	689
*Autocrine and/or paracrine growth of aggressive ATLL cells caused by HGF and c-Met. Y. ONIMARU, K. TSUKASAKI, K. MURATA, Y. IMAIZUMI, Y.L. CHOI, H. HASEGAWA, K. SUGAHARA, Y. YAMADA, T. HAYASHI, M. NAKASHIMA, T. TAGUCHI, H. MANO, S. KAMIHIRA and M. TOMONAGA (Nagasaki; Yonago; Tochigi, Japan)	697
Response of brain specific microenvironment to P-glycoprotein inhibitor: An important factor determining therapeutic effect of P-glycoprotein inhibitor on brain metastatic tumors. K.M. JOO, S.Y. SONG, K. PARK, M.H. KIM, J. JIN, B.G. KANG, M.J. JANG, G.S. LEE, M.S. KIM and D.-H. NAM (Seoul, Korea)	705
Regulation of p63 expression in primary and immortalized nasopharyngeal epithelial cells. Y.L. YIP and S.W. TSAO (Hong Kong, P.R. China)	713
*Glycolysis module activated by hypoxia-inducible factor 1 α is related to the aggressive phenotype of hepatocellular carcinoma. T. HAMAGUCHI, N. IIZUKA, R. TSUNEDOMI, Y. HAMAMOTO, T. MIYAMOTO, M. IIDA, Y. TOKUHISA, K. SAKAMOTO, M. TAKASHIMA, T. TAMESA and M. OKA (Yamaguchi, Japan)	725
The dual EGF/VEGF receptor tyrosine kinase inhibitor AEE788 inhibits growth of human hepatocellular carcinoma xenografts in nude mice. K. OKAMOTO, D. NEUREITER, B. ALINGER, M. MEISSNITZER, G. SASS, V. SCHMITZ, P. DI FAZIO, T. WISSNIOWSKI, S. GAHR, B. HOHENSTEIN, B. KAUFMANN, A. SCHLÖSSER, U. HAUS, E.G. HAHN, C. HEROLD and M. OCKER (Erlangen; Bonn; Hamburg; Nuremberg, Germany; Tottori, Japan; Salzburg, Austria; Palermo, Italy)	733
<i>p28^{GANK}</i> knockdown-derived reactive oxygen species induces apoptosis through mitochondrial dysfunction mediated by p38 in hepG2 cells. X. WANG, H. LI, Y. CHEN, J. FU, Y. REN, L. DONG, S. TANG, S. LIU, M. WU and H. WANG (Shanghai, P.R. China)	743
Prevention and delay in progression of human squamous cell carcinoma of the head and neck in nude mice by stable overexpression of the opioid growth factor receptor. P.J. McLAUGHLIN, S. KREINER, C.R. MORGAN and I.S. ZAGON (Hersey, PA, USA)	751
Glioma gene therapy with soluble transforming growth factor- β receptors II and III. U. NAUMANN, P. MAASS, A.-K. GLESKE, S. AULWURM, M. WELLER and G. EISELE (Tübingen, Germany)	759
Histone deacetylase inhibitor scriptaid induces cell cycle arrest and epigenetic change in colon cancer cells. E.J. LEE, B.B. LEE, S.-J. KIM, Y.-D. PARK, J. PARK and D.-H. KIM (Suwon; Seoul, Korea; Zhejang, P.R. China)	767
HIV-1 Tat enhances replicative potential of human oral keratinocytes harboring HPV-16 genome. R.H. KIM, J.M. YOCHIM, M.K. KANG, K.-H. SHIN, R. CHRISTENSEN and N.-H. PARK (Los Angeles, CA, USA)	777

- Simultaneous downregulation of uPAR and MMP-9 induces overexpression of the FADD-associated protein RIP and activates caspase 9-mediated apoptosis in gliomas. C.S. GONDI, D.H. DINH, M. GUJRATI and J.S. RAO (Peoria, IL, USA) 783
- Clusterin: A potential target for improving response to antiestrogens. S. TOFFANIN, M.G. DAIDONE, P. MIODINI, L. DE CECCO, P. GANDELLINI and V. CAPPELLETTI (Milan, Italy) 791
- Pharmacokinetic and pharmacodynamic study of NO-donating aspirin in F344 rats. C.V. RAO, S. JOSEPH, L. GAO, J.M.R. PATLOLLA, C.-I. CHOI, L. KOPELOVICH, V.E. STEELE and B. RIGAS (Oklahoma City, OK; Stony Brook, NY; Bethesda, MD, USA) 799
- Induction of cell cycle arrest and apoptosis in myeloma cells by cepharanthine, a biscochlorine alkaloid. Y. KIKUKAWA, Y. OKUNO, H. TATETSU, M. NAKAMURA, N. HARADA, S. UENO, Y. KAMIZAKI, H. MITSUYA and H. HATA (Kumamoto; Yatsushiro, Japan) 807
- MYCN downregulates integrin $\alpha 1$ to promote invasion of human neuroblastoma cells. N. TANAKA and M. FUKUZAWA (Osaka, Japan) 815
- Activation of human T cells by a tumor vaccine infected with recombinant Newcastle disease virus producing IL-2. M. JANKE, B. PEETERS, H. ZHAO, O. DE LEEUW, R. MOORMAN, A. ARNOLD, Y. ZIOUTA, P. FOURNIER and V. SCHIRRMACHER (Heidelberg; Bonn, Germany; Lelystad, The Netherlands) 823
- Control of cellular redox status and upregulation of quinone reductase NQO1 via Nrf2 activation by α -lipoic acid in human leukemia HL-60 cells. S. ELANGO VAN and T.-C. HSIEH (Valhalla, NY, USA) 833
- Inhibition of Stearoyl-CoA Desaturase 1 expression in human lung adenocarcinoma cells impairs tumorigenesis. N. SCAGLIA and R.A. IGAL (La Plata, Argentina; New Brunswick, NJ, USA) 839
- Suppression of cell proliferation and gene expression by combinatorial synergy of EGCG, resveratrol and γ -tocotrienol in estrogen receptor-positive MCF-7 breast cancer cells. T.-C. HSIEH and J.M. WU (Valhalla, NY, USA) 851
- Gene-specific promoter hypermethylation without global hypomethylation in follicular thyroid cancer. J.-J. LEE, J. GELI, C. LARSSON, G. WALLIN, M. KARIMI, J. ZEDENIUS, A. HÖÖG and T. FOUKAKIS (Stockholm, Sweden) 861
- Premature chromosome condensation reveals DNA-PK independent pathways of chromosome break repair. G.I. TERZOUDI, S.K. SINGH, G.E. PANTELAS and G. ILIAKIS (Athens, Greece; Essen, Germany) 871
- Integrative genomic analyses on GLI2: Mechanism of Hedgehog priming through basal GLI2 expression, and interaction map of stem cell signaling network with P53. Y. KATOH and M. KATOH (Hongo; Tokyo, Japan) 881
- Biochemical effects of piceatannol in human HL-60 promyelocytic leukemia cells - Synergism with Ara-C. M. FRITZER-SZEKERES, I. SAVINC, Z. HORVATH, P. SAIKO, M. PEMBERGER, G. GRASER, A. BERNHAUS, M. OZSVAR-KOZMA, M. GRUSCH, W. JAEGER and T. SZEKERES (Vienna, Austria) 887
- *Methylation-associated silencing of TU3A in human cancers. Y. AWAKURA, E. NAKAMURA, N. ITO, T. KAMOTO and O. OGAWA (Kyoto, Japan) 893

*Clinical studies