

in vivo

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Selection of Recent Articles

Effect of Radiation and Repeated Sub-culturing on the Transforming Growth Factor- β 1 Signaling Pathway in FRTL-5 Cells. C.G. BURRELL, D.S. GRIDLEY, L.S. ORTLOFF, S.M. CHARLES, L.M. GREEN (*Loma Linda, CA; Winston-Salem, NC, USA*)

IL6 Plasma Concentrations in Patients with Sepsis Receiving SLED and Antibiotics: A Predictor for Survival. T.R. MCGUIRE, N.T. REARDON, K. BOGARD, T.J. PLUMB, C.J. BULTSMA, S.W. NISSEN, P.D. FULLER, K.M. OLSEN (*Omaha, NE; Ocala, FL, USA*)

Organ-specific Responses of Total Body Irradiated Doxycycline-inducible Manganese Superoxide Dismutase Tet/Tet Mice. B.H. RHIEU, A. SHINDE, M.W. EPPERLY, T. DIXON, H. WANG, R. CHAILLET, J.S. GREENBERGER (*Pittsburgh, PA, USA*)

Effect of GPIIb/IIIa Inhibition with Eptifibatid or Tirofiban on the Expression of Cellular Adhesion Molecules on Monocytes. S. SWOBODA, T. WALTER, S. LANG, H.-P. WENDEL, M.E. BEYER, E. GRIESEL, H.-M. HOFFMEISTER, J. GRUETTNER (*Heidelberg; Tuebingen; Kirchheim; Solingen, Germany*)

Tolerated Doses in Zebrafish of Cytochalasins and Jasplakinolide for Comparison with Tolerated Doses in Mice in the Evaluation of Pre-clinical Activity of Microfilament-directed Agents in Tumor Model Systems *In Vivo*. M. TRENDOWSKI, V. WONG, K. WELLINGTON, S. HATFIELD, T.P. FONDY (*Syracuse, NY, USA*)

A Novel Role of CYP2E1 in Human Megakaryocyte Development. Y. TANG, G. ZHANG, M. BAIRD, F. RACKE, W. ZHAO (*Columbus, OH; San Juan Capistrano, CA, USA*)

Efficacy and Side Effects of a Semi-individualized Chinese Herb Mixture "Tiáo Gēng Tāng" for Menopausal Syndrome in China. M. JIA, L. KLUWE, H.-C. LIU, Q.-J. TANG, L. LIU, Z.-Z. WANG, L.-X. TIAN, L. ZHAO, Y.-C. CHEN, R.E. FRIEDRICH, Z.-J. SUN, L.-W. XU (*Shanghai, PR China; Hamburg, Germany*)

Sex Hormones Differentially Modulate STAT3-dependent Antioxidant Responses during Oxidative Stress in Renal Proximal Tubule Cells. D.K. REED, I. ARANY (*Jackson, MS, USA*)

Effect of Melatonin on Human Nighttime Endotoxaemia: Randomized, Double-blinded, Cross-over Study. M. ALAMILI, K. BENDTZEN, J. LYKKESFELDT, J. ROSENBERG, I. GÖGENUR (*Køge; Copenhagen; Herlev, Denmark*)

The Success Rate in a Complicated Spatial Memory Test Is Determined by Age, Sex, Life History and Search Strategies in Cynomolgus Monkeys. H.S. DARUSMAN, O. KALLIOKOSKI, D. SAJUTHI, S.J. SCHAPIRO, A. GJEDDE, J. HAU (*Copenhagen; Aarhus, Denmark; Bogor, Indonesia; Bastrop, TX; Baltimore, MD, USA; Montréal, QC, Canada*)

No Changes in Cerebral Microcirculatory Parameters in Rat During Local Cortex Exposure to Microwaves. H. MASUDA, S. HIROTA, A. USHIYAMA, A. HIRATA, T. ARIMA, H. WATANABE, K. WAKE, S. WATANABE, M. TAKI, A. NAGAI, C. OHKUBO (*Tokyo; Saitama; Aichi, Japan*)

Improving the Bioavailability and Anticancer Effect of the PCA-1/ALKBH3 Inhibitor HUHS015 Using Sodium Salt. M. MABUCHI, T. SHIMIZU, M. UEDA, Y. SASAKAWA, S. NAKAO, Y. UEDA, A. KAWAMURA, K. TSUJIKAWA, A. TANAKA (*Kobe; Osaka; Suita; Kainan, Japan*)

CAG-repeats in Androgen Receptor Gene Relate with Plasma Androgens Levels in the Bouvier Des Flandres. H. L' EPLATTENIER, E. TESKE, F. VAN SLUIJS, J.A. MOL (*Utrecht, Netherlands*)

Bone Substitutes Enhance Osteogenic Differentiation of Mesenchymal Stem Cells in Three-dimensional Scaffolds. H. HANKEN, J. ALPERS, M. BÖBEL, M. WÖLTJE, P. HARTJEN, R.E. FRIEDRICH, O. JUNG, C. RENDENBACH, A. GRÖBE, M. HEILAND, A. AL-DAM, W. EICHHORN, R. SMEETS (*Hamburg; Aachen, Germany*)

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● Selection of Recent Articles

Targeting Chemokine Receptor CXCR7 Inhibits Glioma Cell Proliferation and Mobility. Y. LIU, E. CARSON-WALTER, K. A. WALTER (Rochester, NY, USA)

TSU-68 Ameliorates Hepatocellular Carcinoma Growth by Inhibiting Microenvironmental Platelet-derived Growth Factor Signaling. Y. HARA, T. YAMASHITA, N. OISHI, K. NIO, T. HAYASHI, Y. NOMURA, M. YOSHIDA, T. HAYASHI, T. HASHIBA, Y. ASAHINA, M. KONDO, H. OKADA, H. SUNAGOZAKA, M. HONDA, S. KANEKO (*Ishikawa, Japan*)

In Vitro Chemoresponse in Metachronous Pairs of Ovarian Cancers. H.J. DALTON, J.V. FIORICA, R.P. EDWARDS, I. BENJAMIN, R.P. ROCCONI, F.O. RECIO, J.L. LOVECCHIO, M.O. BURRELL, M.S. SHAHIN, E.C. GRENDRYS, D. WANG, T. WANG, B.J. MONK (*Houston, TX; Pittsburgh; Abington, PA; Phoenix, AZ; Atlanta, GA; Mobile, AL; Sarasota; Boca Raton; Fort Myers, FL; Manhasset, NY, USA*)

Detection of Circulating Tumor Cells in High-risk Endometrial Cancer. G. BOGANI, M.C. LIU, S.C. DOWDY, W.A. CLIBY, S.E. KERR, K.R. KALLI, B.R. KIPP, K.C. HALLING, M.B. CAMPION, A. MARIANI (*Rochester, MN, USA*)

Inhibition of P-TEFb by DRB Suppresses SIRT1/CK2 α Pathway and Enhances Radiosensitivity of Human Cancer Cell. Z.-Q. WANG, C.L. JOHNSON, A. KUMAR, D.P. MOLKENTINE, J.M. MOLKENTINE, T. RABIN, K.A. MASON, L. MILAS, U. RAJU (*Houston, TX, USA*)

The Antihypertensive Drug Prazosin Induces Apoptosis in the Medullary Thyroid Carcinoma Cell Line TT. R. FUCHS, G. SCHWACH, A. STRACKE, N. MEIER-ALLARD, M. ABSENGER, E. INGOLIC, H.S. HAAS, R. PFRAGNER, A. SADJAK (*Graz, Austria*)

Complementarity of Variable-magnification and Spectral-separation Fluorescence Imaging Systems for Noninvasive Detection of Metastasis and Intravital Detection of Single Cancer Cells in Mouse Models. Y. ZHANG, Y. HIROSHIMA, H. MA, N. ZHANG, M. ZHAO, R.M. HOFFMAN (*San Diego, CA, USA; Yokohama, Japan*)

Transduction of a Novel HLA-DRB1*04:05-restricted, WT1-specific TCR Gene into Human CD4⁺ T Cells Confers Killing Activity against Human Leukemia Cells. A. KATSUHARA, F. FUJIKI, N. AOYAMA, S. TANII, S. MORIMOTO, Y. OKA, A. TSUBOI, H. NAKAJIMA, K. KONDO, N. TATSUMI, J. NAKATA, Y. NAKAE, S. TAKASHIMA, S. NISHIDA, N. HOSEN, S. SOGO, Y. OJI, H. SUGIYAMA (*Osaka; Tokushima, Japan*)

Comparative Effects of 4-Phenyl-3-Butenoic Acid and Vorinostat on Cell Growth and Signaling. T.J. BURNS, A. ALI, D.F. MATESIC (*Atlanta, GA, USA*)

Lapatinib plus Pegylated Liposomal Doxorubicin in Advanced HER2-Positive Breast Cancer Following Trastuzumab: A Phase II Trial. M. PIRCHER, B. MLINERITSCH, M.A. FRIDRIK, C. DITTRICH, A. LANG, E. PETRU, A. WELTERMANN, J. THALER, C. HUFNAGL, S.P. GAMPENRIEDER, G. RINNERHALER, S. RESSLER, H. ULMER, R. GREIL (*Salzburg; Vienna; Graz; Rankweil; Linz; Grieskirchen; Innsbruck, Austria*)

Human Adipose Tissue-derived Mesenchymal Stem Cells Inhibit Melanoma Growth *In Vitro* and *In Vivo*. J.-O. AHN, Y.-R. COH, H.-W. LEE, I.-S. SHIN, S.-K. KANG, H.-Y. YOUN (*Seoul, Republic of Korea*)

The Concurrent Use of Aromatase Inhibitors and Radiotherapy Induces Echocardiographic Changes in Patients with Breast Cancer. T. SKYTÄ, S. TUOHINEN, V. VIRTANEN, P. RAATIKAINEN, P.-L. KELLOKUMPU-LEHTINEN (*Tampere, Finland*)

Chemotherapy-induced Changes and Immunosenescence of CD8⁺ T-Cells in Patients with Breast Cancer. O.O. ONYEMA, L. DECOSTER, R. NJEMINI, L.N. FORTI, I. BAUTMANS, M. DE WAELE, T. METS (*Brussels, Belgium*)

Matched-pair Analysis of Dendritic Cell Versus Targeted Therapy in Patients with Metastatic Renal Cell Carcinoma. A. ISAAK, S. HAUSER, S. ROGENHOFER, I.G.H. SCHMIDT-WOLF (*Bonn, Germany*)

Chondroitin Sulfate Proteoglycan-4 Does Not Protect Melanoma Cells During Inhibition of PI3K and mTOR Pathways. S. JAVAID, K. TERAI, A.Z. DUDEK (*Minneapolis, MN; Chicago, IL, USA*)

MicroRNA Expression in Differentially Metastasizing Tumors of the Head and Neck: Adenoid Cystic Versus Squamous Cell Carcinoma. J.A. VEIT, K. SCHECKENBACH, P.J. SCHULER, S. LABAN, S.P. WIGGENHAUSER, J. THIERAUF, J.P. KLUSSMANN, T.K. HOFFMANN (*Ulm; Düsseldorf; Giessen, Germany*)

Oncolytic Potential of a Novel KGFR Tyrosine Kinase Inhibitor Using a KGFR-selective Breast Cancer Xenograft Model. J.W. KESINGER, M. MEHTA, M.R. LERNER, D.J. BRACKETT, R.W. BRUEGGEMEIER, P.-K. LI, J.T. PENTO (*Oklahoma City, OK; Columbus, OH, USA*)

Treatment of Transmissible Venereal Tumours in Dogs with Intratumoural Interleukin-2 (IL-2). A Pilot Study. W. DEN OTTER, M. HACK, J.J.L. JACOBS, J.F.V. TAN, L. ROZENDAAL, R.J.A. VAN MOORSELAAR (*Ronde Klip, Curacao; Gouda, Netherlands*)

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