

in vivo

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International Institute of Anticancer Research, 1st km Kapandritiou-Kalamou Rd., Kapandriti, P.O. Box 22, Attiki, 19014, Greece. Tel and Fax: +30-22950-53389; e-mail: journals@iiar-anticancer.org

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Selection of Recent Articles

Cryopreservation of Viable Human Lung Tissue for Versatile Post-thaw Analyses and Culture. J.E. BAATZ, D.A. NEWTON, E.C. RIEMER, C.E. DENLINGER, E.E. JONES, R.R. DRAKE, D.D. SPYROPOULOS (*Charleston, SC, USA*)

Establishment and Characterization of New Orthotopic and Metastatic Neuroblastoma Models. E. DAUDIGEOS-DUBUS, L. LE DRET, V. ROUFFIAC, O. BAWA, I. LEGUERNEY, P. OPOLON, G. VASSAL, B. GEOERGER (*Orsay; Villejuif, France*)

Comparative Study of Prescribing Patterns of Tigecycline for Trial-Patients versus Non-Trial-Patients. J.J. HORSCHT, J.B. ZIMMERMANN, M.A. WEIGAND, T. BRUCKNER, E.O. MARTIN, T. HOPPE-TICHY, S. SWOBODA (*Heidelberg; Gießen, Germany*)

Effects of the Bifunctional Sulfoxide MMS350, A Radiation Mitigator, on Hematopoiesis in Long-Term Bone Marrow Cultures and on Radioresistance of Marrow Stromal Cell Lines. A. SHINDE, M.W. EPPERLY, S. CAO, D. FRANICOLA, D. SHIELDS, H. WANG, P. WIPF, M.M. SPRACHMAN, J.S. GREENBERGER (*Pittsburgh, PA, USA*)

The Need for Surgery in Acute Abdominal Pain: A Randomized Study of Abdominal Computed Tomography. P. JUVONEN, T. LEHTIMÄKI, M. ESKELINEN, I. ILVES, R. VANNINEN, P. MIETTINEN, H. PAAJANEN (*Kuopio, Finland*)

Inhibitory Action of Levocetirizine on the Production of Eosinophil Chemoattractants RANTES and Eotaxin In Vitro and In Vivo. A. KANEI, K. ASANO, K.-I. KANAI, A. FURUTA, K. SASAKI, H. SUZAKI (*Tokyo; Yokohama, Japan*)

Poor Memory Performance in Aged Cynomolgus Monkeys with Hippocampal Atrophy, Depletion of Amyloid Beta 1-42 and Accumulation of Tau Proteins in Cerebrospinal Fluid. H.S. DARUSMAN, J. PANDELAKI, R. MULYADI, D. SAJUTHI, I.A. PUTRI, O.H. KALLIOKOSKI, J. CALL, K.S.P. ABELSON, S.J. SCHAPIRO, A. GJEDDE, J. HAU (*Copenhagen; Aarhus, Denmark; Jakarta; Bogor, Indonesia; Leipzig, Germany; Bastrop, TX; Baltimore, MD, USA; Montreal, QC, Canada*)

Effects of Interactions between Progesterone and Prostaglandin on Uterine Contractility in Perfused Swine Uterus Model. J. KÜNZEL, K. GEISLER, T. MALTARIS, A. MÜLLER, I. HOFFMANN, H. SCHNEIDER, M.W. BECKMANN, R. DITTRICH, P.G. OPPELT (*Erlangen, Germany*)

Esophageal Radioprotection in Thoracic Irradiated Mice with Transgenic Lung Tumors by Swallowed JP4-039/F15. M.W. EPPERLY, J.P. GOFF, D. FRANICOLA, H. WANG, P. WIPF, S. LI, J.S. GREENBERGER (*Pittsburgh, PA, USA*)

Malignant Ascites in Ovarian Cancer and the Role of Targeted Therapeutics. E. SMOLLE, V. TAUCHER, J. HAYBAECK (*Graz, Austria*)

Increased DNA Integrity in Colorectal Cancer. G. LESZINSKI, J. LEHNER, U. GEZER, S. HOLDENRIEDER (*Munich; Bonn, Germany; Istanbul, Turkey*)

Circulating Human Fractalkine is Decreased Post-operatively After Orthopedic and Coronary Bypass Surgery. T. EKERFELDT, J. HELMERSSON-KARLQVIST, T. GORDH, A. LARSSON (*Uppsala, Sweden*)

Circulating miR-18a; A Sensitive Cancer Screening Biomarker in Human Cancer. S. KOMATSU, D. ICHIKAWA, H. TAKESHITA, R. MORIMURA, S. HIRAJIMA, M. TSUJIIURA, T. KAWAGUCHI, M. MIYAMAE, H. NAGATA, H. KONISHI, A. SHIOZAKI, E. OTSUJI (*Kyoto, Japan*)

Antioxidant Effects of Lipophilic Tea Polyphenols on Diethylnitrosamine/Phenobarbital-induced Hepatocarcinogenesis in Rats. F. ZHOU, T. SHEN, T. DUAN, Y.-Y. XU, S.C. KHOR, Y.-F. ZHENG, S. HSU, J. DE STEFANO, J. YANG, L.-H. XU, X.-Q. ZHU (*Hangzhou, Zhejiang; Shanghai, PR China; Augusta, GA, USA*)

Anti-inflammatory Effects of Polihexanide and Polyethylene glycol in an In-vitro Study in Chronic Rhinosinusitis. R. BIRK, J. GROSSBAIER, C. ADERHOLD, J. STERN-STRÄTER, K. HÖRMANN, A. SAUTER, J.U. SOMMER (*Heidelberg, Germany*)

Anti-UV Activity of Kampo Medicines and Constituent Plant Extracts: Re-evaluation with Skin Keratinocyte System. T. KATO, S. HINO, N. HORIE, T. SHIMOYAMA, T. KANEKO, K. KUSAMA, H. SAKAGAMI (*Saitama; Tokyo, Japan*)

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● Selection of Recent Articles

Novel Vitamin D Analogs as Potential Therapeutics: The Metabolism, Toxicity Profiling, and Antiproliferative Activity. J. CHEN, J. WANG, T.-K. KIM, E.W. TIEU, E.K.Y. TANG, Z. LIN, D. KOVACIC, D.D. MILLER, A. POSTLETHWAITE, R.C. TUCKEY, ANDRZEJ T. SLOMINSKI, W. LI (Memphis; Knoxville, TN, USA; Crawley, WA, Australia)

Levonorgestrel-impregnated Intrauterine Device Reduces Occurrence of Hyperplastic Polyps: A Population-based Follow-up Cohort Study. A. MARIT, B. HVIINGEL, A. ØRBO (Tromsø, Norway)

Impact of Epoetin beta on Anemia and Health-related Quality of Life in Cancer Patients: A Prospective Observational Study Using the Generic 15D Instrument. J. MÄENPÄÄ, U. PUISTOLA, H. RISKA, H. SINTONEN, O. SAARNI, E. JUVONEN, P.-L. KELLOKUMPU-LEHTINEN (Tampere; Oulu; Turku, Finland)

Survival of Patients Undergoing Cytoreductive Surgery for Metastatic Renal Cell Carcinoma in the Targeted Therapy Era. M.R. ABERN, E. SCOSYREV, M. TSIVIAN, E.M. MESSING, T.J. POLASCIK, A. DUDEK (Chicago, IL; Rochester, NY; Durham, NC, USA)

Malignant Ascites in Ovarian Cancer and the Role of Targeted Therapeutics. E. SMOLLE, V. TAUCHER, J. HAYBAECK (Graz, Austria)

New Developments in the Treatment of Metastatic Melanoma: Immune Checkpoint Inhibitors and Targeted Therapies. K. AZIJLI, E. STELLOO, G.J. PETERS, A.J.M. VAN DEN EERTWEGH (Amsterdam, Netherlands)

Ascorbic Acid Induces either Differentiation or Apoptosis in MG-63 Osteosarcoma Lineage. M.T. VALENTI, M. ZANATTA, L. DONATELLI, G. VIVIANO, C. CAVALLINI, M.T. SCUPOLI, L. DALLE CARBONARE (Verona, Italy)

New Anticancer Agents: Role of Clinical Pharmacy Services. D. LEVEQUE, A. DELPEUCH, B. GOURIEUX (Strasbourg, France)

Global MicroRNA Profiling of Pancreatic Neuroendocrine Neoplasias. C. THORNS, C. SCHURMANN, N. GEBAUER, H. WALLASCHOFKI, C. KUMPERTS, V. BERNARD, A.C. FELLER, T. KECK, J.K. HABERMANN, N. BEGUM, H. LEHNERT, G. BRABANT (Löbeck; Greifswald, Germany)

Evidence that Mifepristone, a Progesterone Receptor Antagonist, can Cross the Blood Brain Barrier and Provide Palliative Benefits for Glioblastoma Multiforme Grade IV. J.H. CHECK, C. WILSON, R. COHEN, M. SARUMI (Camden; Marlton, NJ; Philadelphia, PA, USA)

HLA-A*02 in Relation to Outcome in Human Papillomavirus Positive Tonsillar and Base of Tongue Cancer. N. TERTIPIIS, L. VILLABONA, C. NORDFORS, A. NASMAN, T. RAMQVIST, A. VLASTOS, G. MASUCCI, T. DALIANIS (Stockholm, Sweden)

Neamine Inhibits Oral Cancer Progression by Suppressing Angiogenin-mediated Angiogenesis and Cancer Cell Proliferation. K. KISHIMOTO, S. YOSHIDA, S. IBARAGI, N. YOSHIOKA, G.-F. HU, A. SASAKI (Okayama, Japan; Boston, MA, USA)

Inflammation-based Prognostic Score (mGPS) Predicts Biliary Stent Patency in Patients with Unresectable Malignant Biliary Obstruction. Y. IWASAKI, M. ISHIZUKA, M. KATO, J. KITA, M. SHIMODA, K. KUBOTA (Mibu, Tochigi, Japan)

The Association of Caveolin-1 Genotypes with Gastric Cancer in Taiwan. C.-H. LIN, C.-C. LIN, C.-W. TSAI, W.-S. CHANG, C.-W. YANG, D.-T. BAU (Taichung, Taiwan, ROC)

DNA Methylation in Paired Breast Epithelial and White Blood Cells from Women Undergoing Reduction Mammoplasty. S.R. STURGEON, K.F. ARCARO, M.A. JOHNSON, R. BALASUBRAMANIAN, M. ZORN, D.J. JERRY, S. SMITH SCHNEIDER (Amherst; Springfield, MA, USA)

Clinical Trial of a 7-Peptide Cocktail Vaccine with Oral Chemotherapy for Metastatic Colorectal Cancer Patients. K. OKUNO, F. SUGIURA, K. INOUE, Y. SUKEGAWA (Osaka-sayama, Osaka, Japan)

Bone Morphogenetic Protein (BMP) Focused Strategies to Induce Cytotoxicity in Lung Cancer Cells. A. FOTINOS, N. NAGARAJAN, A.S. MARTINS, D.T. FRITZ, D. GARSETTI, A.T. LEE, C.C. HONG, M.B. ROGERS (Newark, NJ; Manhasset, NY; Nashville, TN, USA)

Novel Nucleosomics Serum Biomarkers for the Detection of Colorectal Cancer. S. HOLDENRIEDER, Y. DHARUMAN, J. STANDOP, N. TRIMPOP, M. HERZOG, K. HETTWER, K. SIMON, S. UHLIG, J. MICALLEF (Bonn; Dresden, Germany; Namur, Belgium)

High Levels of Wilms' Tumor 1 (WT1) Expression were Associated with Aggressive Clinical Features in Ovarian Cancer. Z. LIU, K. YAMANOUCHI, T. OHTA, S. MATSUMURA, M. SEINO, V. SHRIDHAR, T. TAKAHASHI, K. TAKAHASHI, H. KURACHI (Yamagata, Japan; Rochester, MN, USA)

Synergistic Inhibition of HCC and Liver Cancer Stem Cell Proliferation by Targeting RAS/RAF/MAPK and WNT/ β -Catenin Pathways. R. GALUPPO, E. MAYNARD, M. SHAH, M.F. DAILY, C. CHEN, B.T. SPEAR, R. GEDALY (Lexington, KY, USA)

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