

# in vivo

- International Journal of Experimental and Clinical Pathophysiology and Drug Research
- Published bimonthly by the International Institute of Anticancer Research
- Available online with Stanford University HighWire Press

ISSN (print): 0258-851X; ISSN (online): 1791-7549

## General Policy

- IN VIVO is a multidisciplinary journal designed to bring together original high quality works and reviews on experimental and clinical biomedical research within the framework of comparative physiology and pathology. The special focus of the journal is the publication of works on: (a) experimental development and the application of new diagnostic procedures; (b) pharmacological and toxicological evaluation of new drugs and drug combinations; (c) development and characterization of models for biomedical research.
- One of the principal aims of IN VIVO is to provide for the prompt publication of accepted articles, generally within 1-2 months from final acceptance.
- IN VIVO supports: (a) the aims and the research program of the INTERNATIONAL INSTITUTE OF ANTICANCER RESEARCH (IIAR) (Kapandriti, Attiki, Greece) and (b) the organization of the INTERNATIONAL CONFERENCES OF ANTICANCER RESEARCH. The IIAR is a member of UICC.

## Editorial Office

International Institute of Anticancer Research, 1st km Kapandritiou-Kalamou Rd., P.O. Box 22, Kapandriti, Attiki 19014, Greece. Tel: +30 22950 52945, Fax: +30 22950 53389.

U.S. Branch: Anticancer Research Inc., USA, 111 Bay Avenue, Highlands, NJ, USA.

E-mail: journals@iiar-anticancer.org; IIAR websites: www.iiar-anticancer.org and www.iiarjournals.org

## Selection of Recent Articles

A Mobile Alert System for Preparing the Delivery of Radiation Mitigators. R. DICKSON, J.O. KIM, M.S. HUQ, G. BEDNARZ, J. SUYAMA, D.M. YEALY, H. WANG, J.S. GREENBERGER (*Pittsburgh, PA, USA*)

Effects of Targeted Proton Radiation on Spinal Cord in a Porcine Model: A Pilot Study. X.W. MAO, M.J. PECAUT, J.D. CAO, D.S. GRIDLEY (*Loma Linda, CA, USA*)

Novel Prognostic Markers Derived from Cardiovascular Magnetic Resonance Imaging in Patients with Stable Chronic Coronary Artery Disease. C. DOESCH, J. JOCHIMS, F. STREITNER, J. KUSCHYK, I. AKIN, R. LEHMANN, D. LOSSNITZER, M. BEHNES, S.O. SCHOENBERG, M. BORGGREFE, T. PAPAVALSILIU (*Mannheim, Germany*)

Radical-scavenging and Anti-inflammatory Activity of Quercetin and Related Compounds and Their Combinations Against RAW264.7 Cells Stimulated with *Porphyromonas gingivalis* Fimbriae. Relationships between Anti-inflammatory Activity and Quantum Chemical Parameters. Y. MURAKAMI, A. KAWATA, S. ITO, T. KATAYAMA, S. FUJISAWA (*Sakado, Saitama; Tokyo, Japan*)

Anti-Halitosis Effect of Toothpaste Supplemented with Alkaline Extract of the Leaves of *Sasa senanensis* Rehder. H. SAKAGAMI, K. ONO, Y. KOMINE, T. MIYADAI, Y. TERADA, D. NAKADA, S. TANAKA, M. MATSUMOTO, T. YASUI, K. WATANABE, J. JUNYE, T. NATORI, M. SUGURO-KITAJIMA, H. OIZUMI, T. OIZUMI (*Saitama; Tokyo; Kanagawa, Japan*)

Management of Very Early-onset Fetal Growth Restriction: Results from 92 Consecutive Cases. F. HOELLEN, A. BECKMANN, C. BANZ-JANSEN, J. WEICHERT, A. RODY, M.K. BOHLMANN (*Lübeck; Mannheim, Germany*)

Implementation of a Functional Observation Battery for the Assessment of Postoperative Well being in Rats Subjected to Fimbria-Fornix Transection. L. MARSCHNER, E. WOGENSEN, J. MOGENSEN, K. ABELSON (*Copenhagen, Denmark*)

Decreased Numbers of CD57<sup>+</sup>CD3<sup>-</sup> Cells Identify Potential Innate Immune Differences in Patients with Autism Spectrum Disorder. D. SINISCALCO, T. MIJATOVIC, E. BOSMANS, A. CIRILLO, P. KRZLIAK, V.C. LOMBARDI, K. DE MEIRLEIR, N. ANTONUCCI (*Naples; Caserta; Florence; Bari, Italy; Zellik; Brussels, Belgium; Brno, Czech Republic; Reno, NV, USA*)

Lateral Approach for Excision of Maxillary Incisor Pseudo-Odontoma in Prairie Dogs (*Cynomys ludovicianus*). I. PELIZZONE, G.D. VITOLO, M. D'ACIERNO, D. STEFANELLO, A. FORLANI, G. BROICH (*Reggio Emilia; Milan; Ferrara, Italy*)

PEO-generated Surfaces Support Attachment and Growth of Cells *In Vitro* with No Additional Benefit for Micro-roughness in Sa (0.2-4 µm). O. JUNG, R. SMEETS, A. KOPP, D. PORCHETTA, P. HIESTER, M. HEILAND, R.E. FRIEDRICH, C. PRECHT, H. HANKEN, A. GRÖBE, P. HARTJEN (*Hamburg; Aachen, Germany*)

Quantitative and Functional Requirements for Bioluminescent Cancer Models. L. FEYS, B. DESCAMPS, C. VANHOVE, S. VERMEULEN, J. VANDESOMPELE, K. VANDERHEYDEN, K. MESSENS, M. BRACKE, O. DE WEVER (*Ghent, Belgium*)

Suppressive Activity of Quercetin on Periostin Functions *In Vitro*. S. IRIE, M. KASHIWABARA, A. YAMADA, K. ASANO (*Yokohama, Japan*)

The Prolonged QT Interval: Role of Pro-inflammatory Cytokines, Reactive Oxygen Species and the Ceramide and Sphingosine-1 Phosphate Pathways. P.P. SORDILLO, D.C. SORDILLO, L. HELSON (*Quakertown, PA, USA*)

Specific Antibodies to *Staphylococcus aureus* Biofilm Are Present in Serum from Pigs with Osteomyelitis. L.K. JENSEN, H.E. JENSEN, J. KOCH, T. BJARNSHOLT, S. EICKHARDT, M. SHIRTLIFF (*Copenhagen, Denmark; Baltimore, MD, USA*)

**FREE SPECIMEN COPIES OF IN VIVO ARE AVAILABLE ON REQUEST**

# ANTICANCER RESEARCH

International Journal of Cancer Research and Treatment  
ISSN (print): 0250-7005; ISSN (online): 1791-7530

- ANTICANCER RESEARCH is an independent international forum devoted to the rapid publication of original high quality articles and reviews on all aspects of experimental and clinical oncology. Prompt evaluation of all submitted articles in confidence and rapid publication within 1-2 months from acceptance are guaranteed.
- ANTICANCER RESEARCH is published monthly by the International Institute of Anticancer Research and is available online with Stanford University HighWire Press. The IIAR is a member of UICC.
- **Editorial Office:** International Institute of Anticancer Research, 1st km Kapandritiou-Kalamou Rd., P.O. Box 22, Kapandriti, Attiki 19014, Greece. Tel: +30 22950 52945, Fax: +30 22950 53389.  
U.S. Branch: Anticancer Research Inc., USA, 111 Bay Avenue, Highlands, NJ, USA.  
E-mail: journals@iiar-anticancer.org; IIAR websites: www.iiar-anticancer.org and www.iiarjournals.org

## ● Selection of Recent Articles

Using Epigenetic Therapy to Overcome Chemotherapy Resistance. J. STRAUSS, W.D. FIGG (*Bethesda, MD, USA*)

A Phase II Study of BEZ235 in Patients with Everolimus-resistant, Advanced Pancreatic Neuroendocrine Tumours. N. FAZIO, R. BUZZONI, E. BAUDIN, L. ANTONUZZO, R.A. HUBNER, H. LAHNER, W.W. DE HERDER, M. RADERER, A. TEULÉ J. CAPDEVILA, S.K. LIBUTTI, M.H. KULKE, M. SHAH, D. DEY, S. TURRI, P. AIMONE, C. MASSACESI, C. VERSLYPE (*Milan; Florence, Italy; Villejuif; Paris, France; Manchester, UK; Essen, Germany; Rotterdam, the Netherlands; Vienna, Austria; Barcelona, Spain; New York, NY; Boston, MA; Columbus, OH, USA; Hyderabad, India; Basel, Switzerland; Leuven, Belgium*)

Copper Transporter-CTR1 Expression and Pathological Outcomes in Platinum-treated Muscle-invasive Bladder Cancer Patients. D. KILARI, K.A. ICZKOWSKI, C. PANDYA, A.J. ROBIN, E.M. MESSING, E. GUANCIAL, E.S. KIM (*Milwaukee, WI; Rochester, NY, USA*)

Radioembolization Versus Chemoembolization (DEBDOX) for the Treatment of Unresectable Hepatocellular Carcinoma: A Propensity Matched Study. O. AKINWANDE, P. PHILIPS, C. SCOGGINS, R.C.G. MARTIN (*Baltimore, MD; Louisville, KY, USA*)

Hypoxia-regulated MicroRNAs in Gastroesophageal Cancer. M. WINTHER, J. ALSNER, B.S. SØ RENSEN, C.F. WITTRUP, T. TRAMM, L. BAEKSGAARD, K. HOFLAND, E. HOLTVED, M. NORDSMARK (*Aarhus; Copenhagen; Odense, Denmark*)

Human Papillomavirus as Diagnostic and Prognostic Tool in Cancer of Unknown Primary in the Head and Neck Region. L. SIVARS, E. TANI, A. NÄSMAN, T. RAMQVIST, E. MUNCK-WIKLAND, T. DALIANIS (*Stockholm, Sweden*)

Restoring Natural Killer Cell Cytotoxicity after Hyperthermia Alone or Combined with Radiotherapy. T. HIETANEN, M. KAPANEN, P.-L. KELLOKUMPU-LEHTINEN (*Tampere, Finland*)

Split-Course Accelerated Hypofractionated Radiotherapy (SCAHR): A Safe and Effective Option for Head and Neck Cancer in the Elderly or Infirm. T.J. BLEDSOE, A.R. NOBLE, C.A. REDDY, B.B. BURKEY, J.F. GRESKOVICH, T. NWIZU, D.J. ADELSTEIN, J.P. SAXTON, S.A. KOYFMAN (*New Haven, CT; Cleveland, OH, USA*)

Demonstration of Calreticulin Expression in Hamster Pancreas Adenocarcinoma with the Use of Fluorescent Gold Quantum-Dots. E. GIORGAKIS, B. RAMESH, A. KAMALI-DASHTARZHENEH, G. KITO FUSAI, C. IMBER, D. TSIRONIS, M. LOIZIDOU (*London, UK*)

Potential Dual Role of Activating Transcription Factor 3 in Colorectal Cancer. X. JIANG, K.-J. KIM, T. HA, S.-H. LEE (*College Park, MD, USA*)

Intestinal Tumour Development in C57BL/6J-Apc<sup>min/+</sup> Mice Expressing Human Sulphotransferases 1A1 And 1A2 after Oral Exposure to 2,5-Dimethylfuran. A. HORTEMO HØ IEA, C. SVENDSENA, T. RASMUSSENA, J. ALEXANDERB, T. HUSØ Y (*Oslo, Norway*)

Decreased Expression of Tumor Suppressor Gene LKB1 Correlates with Poor Prognosis in Human Gastric Cancer. J. SUN, B. LING, X. XU, R. MA, G. LI, X. CAO, W. LING, Z. YANG, R.M. HOFFMAN, J. LU (*Nanjing, Jiangsu, PR China; San Diego, CA, USA*)

Increased Nicotinamide Phosphoribosyltransferase in Rhabdomyosarcomas and Leiomyosarcomas Compared to Skeletal and Smooth Muscle Tissue. M. VORA, J. ANSARI, R.M. SHANTI, D. VEILLON, J. COTELINGAM, D. COPPOLA, R.E. SHACKELFORD (*Shreveport, LA; Tampa, FL, USA*)

Effect of Postmastectomy Radiation on Survival of AJCC pN2/N3 Breast Cancer Patients. Z. SHI, P. PEDDI, G. BURTON, G. MILLS, R. SHI (*New York, NY; Shreveport, LA, USA*)

**FREE SPECIMEN COPIES OF ANTICANCER RESEARCH ARE AVAILABLE ON REQUEST**