

# 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

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## Selection of Recent Articles

Proteomic Profiling to Identify Prognostic Biomarkers in Heart Failure. P.A. SCOTT, B. ZEIDAN, L.L. NG, M. ZEB, J.A. ROSENGARTEN, S. GARBIS, N.P. CURZEN, J.M. MORGAN, P.A. TOWNSEND (*Southampton; Leicester, UK; Athens, Greece*)

Diverging *In Vitro* Antibody Isotype Switching Preference in B-Lymphocytes from C57BL/6 and FVB Mice. A.G. PUTHIYAVEETIL, B. OKYERE, C.M. REILLY, D. CAUDELL (*Blacksburg, VA, USA*)

The Zebrafish- *Danio rerio* – Is a Useful Model for Measuring the Effects of Small-molecule Mitigators of Late Effects of Ionizing Irradiation. M.W. EPPERLY, N. BAHARY, M. QUADER, V. DEWALD, J.S. GREENBERGER (*Pittsburgh, PA, USA*)

Breast Cancer: Mechanisms Involved in Action of Phytoestrogens and Epigenetic Changes. A. DAGDEMIR, J. DURIF, M. NGOLLO, Y.-J. BIGNON, D. BERNARD-GALLON (*Clermont-Ferrand, France*)

Positron-emission Tomography (PET) Imaging Agents for Diagnosis of Human Prostate Cancer: Agonist vs. Antagonist Ligands. P.K. NANDA, B.E. WIENHOFF, T.L. ROLD, G.L. SIECKMAN, A.F. SZCZODROSKI, T.J. HOFFMAN, B.E. ROGERS, C.J. SMITH (*Columbia; St. Louis, MO, USA*)

*In Vivo* Models for Defining Molecular Subtypes of the Primitive Neuroectodermal Tumor Genome: Current Challenges and Solutions. J.D. LARSON, D.A. LARGAESPADA (*Minneapolis, MN, USA*)

Effects of Minocycline on Hematopoietic Recovery After Whole-body Irradiation. S. MEHROTRA, M.J. PECAUT, D.S. GRIDLEY (*Loma Linda, CA, USA*)

Sequential Changes in the Expression of Wnt- and Notch-related Genes in the Vagina and Uterus of Ovariectomized Mice after Estrogen Exposure. T. NAKAMURA, S. MIYAGAWA, Y. KATSU, T. SATO, T. IGUCHI, Y. OHTA (*Yamagata; Okazaki; Sapporo; Yokohama; Tottori, Japan*)

Catecholamines Reduce Dose-dependent Oedema Formation and Inflammatory Reaction in an Isolated Rat Lung Model. C. DACHO, A. DACHO, A. GEISLER, C. HAUSER, K. NOWAK, G. BECK (*Heidelberg; Essen; Wiesbaden, Germany*)

Biocompatibility of Membranes with Unrestricted Somatic Stem Cells. C. NAUJOKS, F.P. VON BECK, F. LANGENBACH, M. HENTSCHEL, K. BERR, M. HOFER, R. DEPPRICH, N. KÜBLER, J. HANDSCHEL (*Düsseldorf, Germany*)

Evaluation of Aortic Valve Stenosis Using a Hybrid Approach of Doppler Echocardiography and Inert Gas Rebreathing. K. HAMM, F. TRINKMANN, F. HEGGEMANN, J. GRUETTNER, G. SCHMID-BINDERT, M. BORGGREFE, D. HAGHI, J. SAUR (*Mannheim, Germany*)

Acclimatization of Mice to Different Cage Types and Social Groupings with Respect to Fecal Secretion of IgA and Corticosterone Metabolites. C.J. BUNDGAARD, O. KALLIOKOSKI, K.S. ABELSON, J. HAU (*Copenhagen, Denmark*)

Exploring Anticarcinogenic Agents in a Rat Hepatocarcinogenesis Model – Focus on Selenium and Statins. L. BJÖRKHEM-BERGMAN, L. EKSTRÖM, L.C. ERIKSSON (*Stockholm, Sweden*)

Amentoflavone Induces Cell-cycle Arrest and Apoptosis in MCF-7 Human Breast Cancer Cells via Mitochondria-dependent Pathway. J.-S. PEI, C.-C. LIU, Y.-N. HSU, L.-L. LIN, S.-C. WANG, J.-G. CHUNG, D.-T. BAU, S.-S. LIN (*TaoYuan; Taichung, Taiwan, ROC*)

Amino Acid Chloramine Damage to Proliferating Cell Nuclear Antigen in Mammalian Cells. S.A. SALAMA, R.M. SNAPKA (*Columbus, OH, USA; Cairo, Egypt*)

The Effect of Insulin-like Growth Factor II in the Regulation of Tumour Cell Growth *In Vitro* and Tumourigenesis *In Vivo*. M. HALJE, M. NORDIN, D. BERGMAN, W. ENGSTRÖM (*Uppsala, Sweden*)

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# ANTICANCER RESEARCH

## International Journal of Cancer Research and Treatment

ISSN (print): 0250-7005; ISSN (online): 1791-7530

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### ● Selection of Recent Articles

Gene Expression and Protein Array Studies of Folliculin-regulated Pathways. A. REIMAN, X. LU, L. SEABRA, U. BOORA, M.S. NAHORSKI, W. WEI, E.R. MAHER (*Birmingham, UK*)

LATS2 Is a Modulator of Estrogen Receptor Alpha. L.C. LIT, S. SCOTT, H. ZHANG, J. STEBBING, A. PHOTIOU, G. GIAMAS (*London, UK*)

Evaluating Antigen Targeting and Anti-tumor Activity of A New Anti-CD37 Radioimmunoconjugate Against Non-Hodgkinlymphoma. J. DAHLE, A.H.V. REPETTO-LLAMAZARES, C.S. MOLLATT, K.B. MELHUS, Ø.S. BRULAND, A.KOLSTAD, R.H. LARSEN (*Oslo, Norway*)

Pre- and Postoperative Treatment Modalities for Esophageal Squamous Cell Carcinoma. C.M.R. THALLINGER, B. KIESEWETTER, M. RADERER, M. HEJNA (*Vienna, Austria*)

Utility of Hypertension as a Surrogate Marker for Efficacy of Antiangiogenic Therapy in NSCLC. T. EVANS (*Philadelphia, PA, USA*)

Biomarkers of Pituitary Neoplasms. A. SAV, F. ROTONDO, L.V. SYRO, B.W. SCHEITHAUER, K. KOVACS (*Istanbul, Turkey; Toronto, ON, Canada; Medellin, Colombia; Rochester, MN, USA*)

Recognition of a Natural WT1 Epitope by a Modified WT1 Peptide-specific T-Cell Receptor. T. TAMANAKA, Y. OKA, F. FUJIKI, A. TSUBOI, A. KATSUHARA, H. NAKAJIMA, N. HOSEN, S. NISHIDA, Y.-H. LIN, S. TACHINO, Y. AKATSUKA, K. KUZUSHIMA, Y. OJI, A. KUMANOGOH, H. SUGIYAMA (*Osaka; Toyoake; Nagoya, Japan*)

Antitumor Effects of Synthetic 6,7-Annulated-4-substituted Indole Compounds in L1210 Leukemic Cells In Vitro. J.-P.H. PERCHELLET, A.M. WATERS, E.M. PERCHELLET, P.D. THORNTON, N. BROWN, D. HILL, B. NEUENSWANDER, G.H. LUSHINGTON, C. SANTINI, N. CHANDRASOMA, K.R. BUSZEK (*Manhattan; Lawrence, KS; Kansas City, MO, USA*)

Protein Kinase C Regulates Bombesin-induced Rapid VEGF Secretion in Neuroblastoma Cells. C. SCHLEGEL, P. PAUL, S. LEE, K.W. KIM, N. COLON, J. QIAO, D.H. CHUNG (*Nashville, TN, USA*)

Nutrition in Adult and Childhood Cancer: Role of Carcinogens and Anti-carcinogens. T.T. MOSBY, M. COSGROVE, S. SARKARDEI, K.L. PLATT, B. KAINA (*Memphis, TN, USA; Mainz, Germany*)

Successful Rechallenge for Oxaliplatin Hypersensitivity Reactions in Patients with Metastatic Colorectal Cancer. T. YANAI, S. IWASA, H. HASHIMOTO, K. KATO, T. HAMAGUCHI, Y. YAMADA, Y. SHIMADA, H. YAMAMOTO (*Tokyo, Japan*)

Viral and Molecular Aspects of Oral Cancer. N.S. HILLBERTZ, J.-M. HIRSCH, J. JALOULI, M.M. JALOULI, L. SAND (*Uppsala, Sweden*)

Glucocorticoids Augment Survival and Proliferation of Tumor Cells. S. GÖNDISCH, E. BOECKELER, U. BEHREND, E. AMTMANN, H. EHRHARDT, I. JEREMIAS (*Munich; Heidelberg, Germany*)

Coumarin-based Benzopyranone Derivatives Induced Apoptosis in Human Lung (A549) Cancer Cells. M.A. MUSA, V.L.D. BADISA, L.M. LATINWO, T.A. PATTERSON, M.A. OWENS (*Tallahassee, FL, USA*)

siPGK1 Sensitizes Chemoresistant Human Ovarian Cancer Cell Lines to Cisplatin. C. LEPLEUX, E. ABEILARD-LEMOISSON, M. DUVAL, P. ICARD, H. LINCET (*Caen, France*)

Immunohistochemical Expression of PTTG in Brain Tumors. F. SALEHI, B.W. SCHEITHAUER, S. SHARMA, K. KOVACS, R.V. LLOYD, M.D. CUSIMANO, D.G. MUNOZ (*Toronto, ON, Canada; Rochester, MN, USA*)

Silencing of The ARP2/3 Complex Disturbs Pancreatic Cancer Cell Migration. H.E. RAUHALA, S. TEPPONEN, S. NIEMELÄ, A. KALLIONIEMI (*Tampere, Finland*)

Anticancer Efficacy of the Metabolic Blocker 3-Bromopyruvate: Specific Molecular Targeting. S. GANAPATHY-KANNIAPPAN, R. KUNJITHAPATHAM, J.-F. GESCHWIND (*Baltimore, MD, USA*)

Liver-metastatic Potential of Colorectal Cancer Is Related to the Stromal Composition of the Tumour. H. NYSTROM, P. NAREDI, A. BERGLUND, R. PALMQVIST, B. TAVELIN, M. SUND (*Umeå, Sweden*)

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