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.

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Selection of Recent Articles

Animal Models of N-Methyl-N-nitrosourea-induced Mammary Cancer and Retinal Degeneration with Special Emphasis on Therapeutic Trials. A. TSUBURA, Y.-C. LAI, H. MIKI, T. SASAI, N. UEHARA, T. YURI, K. YOSHIZAWA (Osaka, Japan)


Effects of Combined Insulin-like Growth Factor 1 and Macrophage Colony-stimulating Factor on the Skeletal Properties of Mice. S.A. LLOYD, S.J. SIMSKE, L.K. BOGREN, S.E. OLESIKA, T.A. BATEMAN, V.L. FERGUSON (Hershey, PA; Boulder, Fort Collins, CO; Chapel Hill, NC, USA)

Cell Death Detection after High-LET Irradiation in an Orthotopic Human Hepatocellular Carcinoma in Vivo. A. ALTMEYER, M. IGNAT, J.-M. DENIS, N. MESSADDEQ, J. GUEULETTE, D. MUTTER, P. BISCHOFF (Strasbourg; Illkirch Graffenstaden, France; Brussels, Belgium)

Serum Calcium-decreasing Factor, Caldecrin, Ameliorates Muscular Dystrophy in dy/dy Mice. M. TOMOMURA, T. FUJII, H. SAKAGAMI, A. TOMOMURA (Saitama; Tokushima, Japan)

Nitric Oxide Concentrations are Normal and Unrelated to Activity Level in Chronic Fatigue Syndrome. M. MEEUS, I. VAN EUPEN, J. HONDEQUIN, L. DE HAUWERE, D. ROS, J. NIJS (Antwerpen; Brussel, Belgium)

Gene Expression Analysis of Oxidative Stress and Apoptosis in Proton-irradiated Rat Retina. X.W. MAO, L.M. GREEN, T. MEKONNEN, N. LINDSEY, D.S. GRIDLEY (Loma Linda, CA, USA)

Colon Cancer Vaccines: An Update. E. MERIKA, M.W. SAIF, A. KATZ, K. SYRIGOS, M. MORSE (London, UK; Haven, CT; Durham, NC, USA; Athens, Greece)

 Novel Microminipig Model of Atherosclerosis by High Fat and High Cholesterol Diet, Established in Japan. N. MIYOSHI, M. HORIUCHI, Y. INOKUCHI, Y. MIYAMOTO, N. MIURA, S. TOKUNAGA, M. FUJIKI, Y. IZUMI, H. MIYAJIMA, R. NAGATA, K. MISUMI, T. TAKUUCHI, A. TANIMOTO, N. YASUDA, H. KAWAGUCHI (Kagoshima; Osaka, Japan)

CD95 and TNFα-induced Apoptosis in Liver Metastases of Colorectal Carcinoma. H.-U. KASPER, E. KONZE, M. KERN, D.L. STIPPEL (Münster; Köln; Heidelberg, Germany)

Thrombogenicity of Sirolimus-eluting Stents and Bare Metal Stents: Evaluation in the Early Phase after Stent Implantation. T. WALTER, K.S. REY, H.P. WENDEL, S. SZABO, T. SUSELBECk, C.-E. DEMPFL, M. BORGREFFE, S. SWOBODA, M.E. BEYER, H.M. HOFFMEISTER (Mannheim; Kirchheim; Tuebingen; Solingen, Germany)

Non-antibiotics Reverse Resistance of Bacteria to Antibiotics. J.E. KRISTIANSEN, V.F. THOMSEN, A. MARTINS, M. VIVEIROS, L. AMARAL (Odense; Copenhagen, Denmark; Lisbon, Portugal)


A Possible Mechanism for Altered Immune Response in the Elderly. G. MAZZOCCOLI, A. DE CATA, S. CARUGHI, A. GRECO, M. INGLESE, F. PERFETTO, R. TARQUINI (San Giovanni Rotondo; Florence, Italy)

Urine and Serum Analysis of Consumed Curcuminoids Using an IκB-luciferase Surrogate Marker Assay. S. PONNURANGAM, F.G. MONDALEK, J. GOVIND, D. SUBRAMANIAM, C. HOUCHEN, S. ANANT, P. PANTAZIS, R.P. RAMANUJAM (Oklahoma City, OK, USA)
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CANCER GENOMICS & PROTEOMICS

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Circadian Transcription Profile of Mouse Breast Cancer under LD and DD Conditions. E.-Y. OH, X. YAN, A. FRIEDMAN, C.M. ANSELL, J. DUQUOTON, D.F. QUITON, P.A. WOOD, W.J.M. HRUSHESKY (Columbia, SC; St. Louis, MO, USA)

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A Biotin Label-based Antibody Array for High-content Profiling of Protein Expression. R. HUANG, W. JIANG, J. YANG, Y.Q. MAO, Y. ZHANG, W. YANG, D. YANG, B. BURKHOLDER, R.F. HUANG, R.-P. HUANG (Norcross, GA, USA; Guangzhou, P.R. China)

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Epigenetic Inactivation of the Placentally Imprinted Tumor Suppressor Gene TFPI2 in Prostate Carcinoma. T. RIBARSKA, M. INGENWEHR, W. GOERING, R. ENGERS, W.A. SCHULZ (Düsseldorf, Germany)

Molecular Profiling Using Tissue Microarrays as a Tool to Identify Predictive Biomarkers in Laryngeal Cancer Treated with Radiotherapy. G. HOLGERSSON, S. EKMAN, J. REIZENSTEIN, M. BERGQVIST, F. PONTÉN, M. UHLÉN, K. MAGNUSSON, M. UHLÉN, K. HELLSTRÖM, S. STRÖMBERG, A. LINDER, E. BOMQUIST, M. LILJEHOLM, B. LÖDÉN, K. HELLSTRÖM, S. BERGSTRÖM (Uppsala; Västerås; Gävle; Karlstad; Stockholm; Sweden; Mumbai, India)

Proteomic Study of Sera from Patients with Bladder Cancer: Usefulness of S100A8 and S100A9 Proteins. S. MINAMI, Y. SATO, T. MATSUMOTO, T. KAGEYAMA, Y. NAKAMURA, A. KURUSU, Y. NAKAMURA, A. YAMAMOTO, N. YAMAMOTO, S. YOSHIKAWA, Y. KIYOHARA, Y. AKIYAMA (Shizuoka; Tokyo; Saitama, Japan)

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Effects of Artesunate on Cytokinesis and G2/M Cell Cycle Progression of Tumour Cells and Budding Yeast. L. STEINBRÜCK, G. PEREIRA, T. EFFERTH (Heidelberg; Mainz, Germany)

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