

Instructions for Authors 2019

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 frames of human physiology, pathology and disease management. The topics of IN VIVO include: 1. Experimental development and application of new diagnostic and therapeutic procedures; 2. Pharmacological and toxicological evaluation of new drugs, drug combinations and drug delivery systems; 3. Clinical trials; 4. Development and characterization of models of biomedical research; 5. Cancer diagnosis and treatment; 6. Immunotherapy and vaccines; 7. Radiotherapy, Imaging; 8. Tissue engineering, Regenerative medicine; 9. Carcinogenesis; 10. Retrospective studies and case reports. The principal aim of IN VIVO is to provide prompt online publication for accepted articles, generally within 1-2 months from final acceptance.

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The use of animals in biomedical research should take place under careful supervision of a person adequately trained in this field and the animals must be treated humanely at all times. Such research should adhere to the Guiding Principles in the Care and Use of Animals approved by the Council of the American Physiological Society.

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Generally Policy

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● Selection of Recent Articles

Adipose-specific Monocyte Chemotactic Protein-1 Deficiency Reduces Pulmonary Metastasis of Lewis Lung Carcinoma in Mice. S. SUNDARAM, L. YAN (Grand Forks, ND, USA)

The WNT5A Agonist Foxy5 Reduces the Number of Colonic Cancer Stem Cells in a Xenograft Mouse Model of Human Colonic Cancer. J. OSMAN, K. BELLAMKONDA, Q. LIU, T. ANDERSSON, A. SJÖLANDER (Malmö, Sweden)

Mechano-growth Factor Expression in Colorectal Cancer Investigated With Fluorescent Gold Nanoparticles. S. ALAGARATNAM, S.-Y. YANG, M. LOIZIDOU, B. FULLER, B. RAMESH (London, UK)

Chemo-resistant Gastric Cancer Associated Gene Expression Signature: Bioinformatics Analysis Based on Gene Expression Omnibus. J.-B. LIU, C. YUE, D. CHEN, W. CHEN, T.-T. BAO, H.-X. LIU, Y. CAO, W.-B. LI, T. JIAN, Z. YANG, R.M. HOFFMAN, C. YU (Zhengzhou; Nanjing, PR China; San Diego, CA, USA)

The Rectus Sheath Block (RSB) Analgesia Could Enhance Significantly the Patient Satisfaction Following Midline Laparotomy in Benign Disease and in Cancer: A Prospective Study With Special Reference to Nitrosative Stress Marker Nitrotyrosine (NT) Plasma Concentrations. V. KUOSMANEN, I. SAIMANEN, D. RAHKOLA, J. KÄRKÄINEN, T. SELANDER, M. PURDY, H. KOKKI, M. KOKKI, M. ESKELINEN (Kuopio, Finland)

9 Basic Gene Expression Characteristics of Glioma Stem Cells and Human Glioblastoma. D. SAKAMOTO, T. TAKAGI, M. FUJITA, S. OMURA, Y. YOSHIDA, T. IIDA, S. YOSHIMURA (Hyogo; Osaka, Japan)

Patterns of Care in Pediatric Craniopharyngioma: Outcomes Following Definitive Radiotherapy. T.K. HILL, M.J. BAINE, V. VERMA, M. ALAM, E.R. LYDEN, C. LIN, E.P. CONNOLLY, C. ZHANG (Omaha, NE; Pittsburgh, PA; New York, NY, USA)

HPV Status and Survival in Non-Oropharyngeal Squamous Cell Carcinoma of the Head and Neck. V.B. WOOKEY, A.K. APPIAH, A. KALLAM, V. ERNANI, L.M. SMITH, A.K. GANTI (Omaha, NE, USA)

Induction of CD3+ and FoxP3+ T Cells in Left-sided Colorectal Tumors After UFT/LV Chemotherapy. S. SADAHIRO, T. SUZUKI, A. TANAKA, K. OKADA, G. SAITO, H. MIYAKITA, L.F. CHAN, Y. KAMEI, H. KAJIWARA, H. NAGASE (Isehara, Tokushima, Japan)

Manifestations and Treatment of Adult-onset Symptomatic Optic Pathway Glioma in Neurofibromatosis Type 1. J. MEHLAN, F. SCHÜTTAUF, J.M. SALAMON, U. KORDES, R.E. FRIEDRICH, V.-F. MAUTNER (Hamburg, Germany)

Radiosensitization of Glioblastoma Cells by a Novel DNA Methyltransferase Inhibiting Phthalimido-Alkanamide Derivative. C.W. WEE, J.H. KIM, H.J. KIM, H.-C. KANG, S.Y. SUH, B.S. SHIN, E. MA, I.H. KIM (Seoul; Gyeongsan, Republic of Korea)

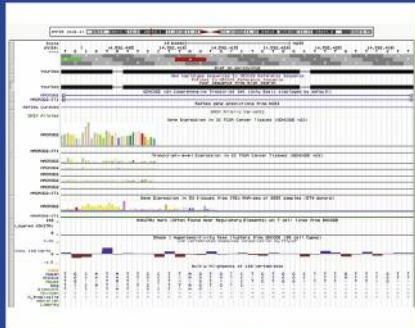
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Targeted and Efficient Delivery of siRNA Using Tunable Polymeric Hybrid Micelles for Tumor Therapy. F. HAO, S. DONG, C. YANG, Z. LI, Z. CHENG, L. ZHONG, L. TENG, Q. MENG, J. LU, F. WU, J. XIE, L. TENG, R.J. LEE (Changchun, PR China; Des Moines, IA; Columbus, OH, USA)

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● Selection of Recent Articles

Multiregion Genomic Analysis of Serially Transplanted Patient-derived Xenograft Tumors. K. SATO, A. NIIDA, T. MASUDA, D. SHIMIZU, T. TOBO, Y. KURODA, H. EGUCHI, T. NAKAGAWA, Y. SUZUKI, K. MIMORI (*Oita; Fukuoka; Tokyo; Chiba, Japan*)

MicroRNAs as Potential Targets for Therapeutic Intervention With Metastasis of Non-small Cell Lung Cancer. U.H. WEIDLE, F. BIRZELE, A. NOPORA (*Penzberg, Germany; Basel, Switzerland*)

Three Poliovirus Sequences in the Human Genome Associated With Colorectal Cancer. S. LEHRER, P.H. RHEINSTEIN (*New York, NY, USA*)

mRNA Expression of CDK2AP1 in Human Breast Cancer: Correlation with Clinical and Pathological Parameters. R. GERA, L. MOKBEL, W.G. JIANG, K. MOKBEL (*London; Cardiff, UK*)

Molecular Genetic Characterization of Acute Myeloid Leukemia With Trisomy 4 as the Sole Chromosome Abnormality. S. TORKILDSEN, L. GORUNOVA, S. HEIM, G.E. TJØNNFJORD, S. SPETALEN, B. RISBERG, H.T.T. TRAN, I. PANAGOPOULOS (*Oslo; Lørenskog, Norway*)

Isoforms of Ionotropic Glutamate Receptor GRIK2 Induce Senescence of Carcinoma Cells. V.K. ZHAWAR, R.P. KANDPAL, R.S. ATHWAL (*Philadelphia, PA; Pomona, CA, USA*)

Human Periprostatic Adipose Tissue: Secretome from Patients With Prostate Cancer or Benign Prostate Hyperplasia. P.A. SACCA, O.N. MAZZA, C. SCORTICATI, G. VITAGLIANO, G. CASAS, J.C. CALVO (*Buenos Aires, Argentina*)

MiR-1 Suppresses Proliferation of Osteosarcoma Cells by Up-regulating p21 via PAX3. R. FUJII, E. OSAKA, K. SATO, Y. TOKUHASHI (*Tokyo, Japan*)

NOTUM Is Involved in the Progression of Colorectal Cancer. J.H. YOON, D. KIM, J. KIM, H. LEE, J. GHIM, B.J. KANG, P. SONG, S.H. RYU, T.G. LEE (*Daegu; Pohang, Republic of Korea*)

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I-131 Postablation SPECT/CT Predicts Relapse of Papillary Thyroid Carcinoma More Accurately than Whole Body Scan. J.V. MALAMITSI, J.T. KOUTSIKOS, S.I. GIOURGOULI, S.F. ZACHAKI, T.A. PIPIKOS, F.J. VLACHOU, V.K. PRASSOPOULOS (<i>Athens; Maroussi, Greece</i>).....	2255
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