

Instructions for Authors 2015

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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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Manuscripts. Submitted manuscripts should not exceed fourteen (14) pages (approximately 250 words per double - spaced typed page), including abstract, text, tables, figures, and references (corresponding to 4 printed pages). Papers exceeding four printed pages will be subject to excess page charges. All manuscripts should be divided into the following sections: (a) *First page* including the title of the presented work [not exceeding fifteen (15) words], full names and full postal addresses of all Authors, name of the Author to whom proofs are to be sent, key words, an abbreviated running title, an indication "review", "clinical", "epidemiological", or "experimental" study, and the date of submission. (Note: The order of the Authors is not necessarily indicative of their contribution to the work. Authors may note their individual contribution(s) in the appropriate section(s) of the presented work); (b) *Abstract* not exceeding 150 words, organized according to the following headings: Background/Aim - Materials and Methods/Patients and Methods - Results - Conclusion; (c) *Introduction*; (d) *Materials and Methods/Patients and Methods*; (e) *Results*; (f) *Discussion*; (g) *Acknowledgements*; (h) *References*. All pages must be numbered consecutively. Footnotes should be avoided. Review articles may follow a different style according to the subject matter and the Author's opinion. Review articles should not exceed 35 pages (approximately 250 words per double-spaced typed page) including all tables, figures, and references.

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A Selection of Recent Articles

The Metastasis Suppressor NME1 Regulates Expression of Genes Linked to Metastasis and Patient Outcome in Melanoma and Breast Carcinoma. J.R. MCCORKLE, M.K. LEONARD, S.D. KRANER, E.M. BLALOCK, D. MA, S.G. ZIMMER, D.M. KAETZEL (*Memphis, TN; Baltimore, MD; Lexington, KY; Iowa City, IA, USA*)

Profiling of Chromosomal Changes in Potentially Malignant and Malignant Oral Mucosal Lesions from South and South-East Asia Using Array-Comparative Genomic Hybridization. M.L.S. LUNDE, E. ROMAN, S. WARNAKULASURIYA, R. MEHROTRA, J. LARANNE, E.N. VASSTRAND, S.O. IBRAHIM (*Bergen, Norway; London, UK; Allahabad, India; Tampere, Finland*)

Expression of Claudins in Human Clear Cell Renal Cell Carcinoma. W. MEN, T.A. MARTIN, F. RUGE, N. ZHANG, P. DU, Y. YANG, W.G. JIANG (*Beijing, China; Cardiff, UK*)

TCR-MHC/Peptide Interaction: Prospects for New Anti-tumoral Agents. U.H. WEIDLE, G. GEORGES, G. TIEFENTHALER (*Penzberg, Germany*)

Modulation of Liver-Intestine Cadherin (Cadherin 17) Expression, ERK Phosphorylation and WNT Signaling in EPHB6 Receptor-expressing MDA-MB-231 Cells. L. BHUSHAN, N. TAVITIAN, D. DEY, Z. TUMUR, C. PARSA, R.P. KANDPAL (*Pomona, CA, USA*)

Phenome-Genome Association Studies of Pancreatic Cancer: New Targets for Therapy and Diagnosis. R. NARAYANAN (*Boca Raton, FL, USA*)

Usefulness of Nanofluidic Digital PCR Arrays to Quantify T790M Mutation in EGFR-mutant Lung Adenocarcinoma. K. ISOBE, Y. HATA, N. TOCHIGI, K. KABURAKI, H. KOBAYASHI, T. MAKINO, H. OTSUKA, F. ISHIDA, N. HIROTA, G. SANO, K. SUGINO, S. SAKAMOTO, Y. TAKAI, K. SHIBUYA, A. IYODA, S. HOMMA (*Tokyo, Japan*)

Quantitative Proteomics of Bronchoalveolar Lavage Fluid in Lung Adenocarcinoma. S.A. ALMATROODI, C.F. MCDONALD, A.L. COLLINS, I.A. DARBY, D.S. POUNIOTIS (*Bundoora; Heidelberg, VIC, Australia; Buraidah, Saudi Arabia*)

Metabolic profile of Triple-negative Breast Cancer in African-American Women Reveals Potential Biomarkers of Aggressive Disease. Y.M. KANAAN, B.P. SAMPEY, D. BEYENE, A.K. ESNAKULA, T.J. NAAB, L.J. RICKS-SANTI, S. DASI, A. DAY, K.W. BLACKMAN, W. FREDERICK, R.L. COPELAND, E. GABRIELSON, R.L. DEWITTY JR. (*Washington DC; Durham, NC; Cleveland, OH; Hampton, VA; Baltimore, MD, USA*)

Analysis of SHOX2 Methylation as an Aid to Cytology in Lung Cancer Diagnosis. P. ILSE, S. BIESTERFELD, N. POMJANSKI, C. WROBEL, M. SCHRAMM (*Düsseldorf, Germany*)

The Role of Apurinic/Apyrimidinic Endonuclease DNA Repair Gene in Endometriosis. C.-M. HSU, W.-S. CHANG, J.-J. HWANG, J.-Y. WANG, Y.-L. HSIAO, C.-W. TSAI, J.-C. LIU, T.-H. YING, D.-T. BAU (*Taichung; Taipei, Taiwan, ROC*)

Epigenetic Silencing of GNMT Gene in Pancreatic Adenocarcinoma. A. BOTEZATU, C. BLEOTU, A. NASTASE, G. ANTON, N. BACALBASA, D. DUDA, S.O. DIMA, I. POPESCU (*Bucharest, Romania; Charlestown, MA, USA*)

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- **Selection of Recent Articles**

Targeting Chemokine Receptor CXCR7 Inhibits Glioma Cell Proliferation and Mobility. Y. LIU, E. CARSON-WALTER, K. A. WALTER (Rochester, NY, USA)
TSU-68 Ameliorates Hepatocellular Carcinoma Growth by Inhibiting Microenvironmental Platelet-derived Growth Factor Signaling. Y. HARA, T. YAMASHITA, N. OISHI, K. NIO, T. HAYASHI, Y. NOMURA, M. YOSHIDA, T. HAYASHI, T. HASHIBA, Y. ASAHINA, M. KONDO, H. OKADA, H. SUNAGOZAKA, M. HONDA, S. KANEKO (*Ishikawa, Japan*)

In Vitro Chemoresponse in Metachronous Pairs of Ovarian Cancers. H.J. DALTON, J.V. FIORICA, R.P. EDWARDS, I. BENJAMIN, R.P. ROCCONI, F.O. RECIO, J.L. LOVECCHIO, M.O. BURRELL, M.S. SHAHIN, E.C. GRENDYS, D. WANG, T. WANG, B.J. MONK (*Houston, TX; Pittsburgh; Abington, PA; Phoenix, AZ; Atlanta, GA; Mobile, AL; Sarasota; Boca Raton; Fort Myers, FL; Manhasset, NY, USA*)

Detection of Circulating Tumor Cells in High-risk Endometrial Cancer. G. BOGANI, M.C. LIU, S.C. DOWDY, W.A. CLIBY, S.E. KERR, K.R. KALLI, B.R. KIPP, K.C. HALLING, M.B. CAMPION, A. MARIANI (*Rochester, MN, USA*)

Inhibition of P-TEFb by DRB Suppresses SIRT1/CK2 α Pathway and Enhances Radiosensitivity of Human Cancer Cell. Z.-Q. WANG, C.L. JOHNSON, A. KUMAR, D.P. MOKKENTINE, J.M. MOKKENTINE, T. RABIN, K.A. MASON, L. MILAS, U. RAJU (*Houston, TX, USA*)

The Antihypertensive Drug Prazosin Induces Apoptosis in the Medullary Thyroid Carcinoma Cell Line TT. R. FUCHS, G. SCHWACH, A. STRACKE, N. MEIER-ALLARD, M. ABSSENGER, E. INGOLIC, H.S. HAAS, R. PFRAGNER, A. SADJAK (*Graz, Austria*)

Complementarity of Variable-magnification and Spectral-separation Fluorescence Imaging Systems for Noninvasive Detection of Metastasis and Intravital Detection of Single Cancer Cells in Mouse Models. Y. ZHANG, Y. HIROSHIMA, H. MA, N. ZHANG, M. ZHAO, R.M. HOFFMAN (*San Diego, CA, USA; Yokohama, Japan*)

Transduction of a Novel HLA-DRB1*04:05-restricted, WT1-specific TCR Gene into Human CD4+ T Cells Confers Killing Activity against Human Leukemia Cells. A. KATSUHARA, F. FUJIKI, N. AOYAMA, S. TANII, S. MORIMOTO, Y. OKA, A. TSUBOI, H. NAKAJIMA, K. KONDO, N. TATSUMI, J. NAKATA, Y. NAKAE, S. TAKASHIMA, S. NISHIDA, N. HOSEN, S. SOGO, Y. OJI, H. SUGIYAMA (*Osaka; Tokushima, Japan*)

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Lapatinib plus Pegylated Liposomal Doxorubicin in Advanced HER2-Positive Breast Cancer Following Trastuzumab: A Phase II Trial. M. PIRCHER, B. MLINERITSCH, M.A. FRIDRIK, C. DITTRICH, A. LANG, E. PETRU, A. WELTERMANN, J. THALER, C. HUFNAGL, S.P. GAMPENRIEDER, G. RINNERHALER, S. RESSLER, H. ULMER, R. GREIL (*Salzburg; Vienna; Graz; Rankweil; Linz; Grieskirchen; Innsbruck, Austria*)

Human Adipose Tissue-derived Mesenchymal Stem Cells Inhibit Melanoma Growth *In Vitro* and *In Vivo*. J.-O. AHN, Y.-R. COH, H.-W. LEE, I.-S. SHIN, S.-K. KANG, H.-Y. YOUN (*Seoul, Republic of Korea*)

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Matched-pair Analysis of Dendritic Cell Versus Targeted Therapy in Patients with Metastatic Renal Cell Carcinoma. A. ISAAK, S. HAUSER, S. ROGENHOFER, I.G.H. SCHMIDT-WOLF (*Bonn, Germany*)

Chondroitin Sulfate Proteoglycan-4 Does Not Protect Melanoma Cells During Inhibition of PI3K and mTOR Pathways. S. JAVAID, K. TERAI, A.Z. DUDEK (*Minneapolis, MN; Chicago, IL, USA*)

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