

in vivo

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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. GEISSLER, 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. DEPFRICH, 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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A Selection of Recent Papers

Metastatic Biomarker Discovery Through Proteomics. L.T. BRINTON, T.A. BRETNALL, J.A. SMITH, K.A. KELLY (*Charlottesville, VA; Seattle, WA, USA*)

Genetically Engineered Fusion Proteins for Treatment of Cancer. U.H. WEIDLE, B. SCHNEIDER, G. GEORGES, U. BRINKMANN (*Penzberg, Germany*)

Identification of Differentially Expressed Proteins from Primary vs. Metastatic Pancreatic Cancer Cells Using Subcellular Proteomics. K.Q. MCKINNEY, J.-G. LEE, D. SINDRAM, M.W. RUSSO, D.K. HAN, H.L. BONKOVSKY, S.-I. HWANG (*Charlotte, NC; Farmington, CT, USA*)

Review: Are we Missing the Target? – Cancer Stem Cells and Drug Resistance in Non-small Cell Lung Cancer. S. GOTTSCHLING, P.A. SCHNABEL, F.J.F. HERTH, E. HERPEL (*Heidelberg, Germany*)

Identification of Markers Associated with Highly Aggressive Metastatic Phenotypes Using Quantitative Comparative Proteomics. M.G. TERP, R.R. LUND, O.N. JENSEN, R. LETH-LARSEN, H.J. DITZEL (*Odense, Denmark*)

Review: Breast Cancer and Metastasis: On the Way Toward Individualized Therapy. A.P. TRAPÉ, A.M. GONZALEZ-ANGULO (*Houston, TX, USA*)

In Silico Functional Profiling of Individual Prostate Cancer Tumors: Many Genes, Few Functions. I.P. GORLOV, J. BYUN, C.J. LOGOTHETIS (*Houston, TX, USA*)

Expression of Signal-induced Proliferation-associated Gene 1 (SIPA1), a RapGTPase-activating Protein, Is Increased in Colorectal Cancer and Has Diverse Effects on Functions of Colorectal Cancer Cells. K. JI, L. YE, A.-M. TOMS, R. HARGEST, T.A. MARTIN, F. RUGE, J. JI, W.G. JIANG (*Cardiff, UK; Beijing, PR China*)

Single Nucleotide Polymorphisms of Genes for EGF, TGF- β and TNF- α in Patients with Pancreatic Carcinoma. L. ZHANG, G. WU, F. HERRLE, M. NIEDERGETHMANN, M. KEESE (*Frankfurt; Heidelberg, Germany; Xiamen, P.R. China*)

Diagnostic MicroRNA Markers to Screen for Sporadic Human Colon Cancer in Blood. F.E. AHMED, N.C. AMED, P.W. VOS, C. BONNERUP, J.N. ATKINS, M. CASEY, G.J. NUOVO, W. NAZIRI, J.E. WILEY, R.R. ALLISON (*Greenville, Goldsboro, NC; Columbus, OH, USA*)

MGMT Hypermethylation and MDR System in Glioblastoma Cancer Stem Cells. V. CALDERA, M. MELLAI, L. ANNOVAZZI, O. MONZEGLIO, A. PIAZZI, D. SCHIFFER (*Pavia; Novara, Italy*)

20-HETE-producing Enzymes Are Up-regulated in Human Cancers. A. ALEXANIAN, B. MILLER, R.J. ROMAN, A. SOROKIN (*Milwaukee, WI; Jackson, MS, USA*)

Unifying the Genomics-based Classes of Cancer Fusion Gene Partners: Large Cancer Fusion Genes are Evolutionarily Conserved. L.M. PAVA, D.T. MORTON, R. CHEN, G. BLANCK (*Tampa, FL, USA*)

Virchow Lymph Node Metastatic Recurrence of Sigmoid Colon Cancer with Severe Lymph Node Metastases Successfully Treated Using Systemic Chemotherapy Combined with Radiotherapy. T. OHCHI, Y. AKAGI, T. KINUGASA, Y. ISHIBASHI, N. TANAKA, S. FUJINO, S. KIBE, K. YUGE, T. SASATOMI, T. MIZOBE, Y. OKA, K. D. HONG, K. SHIROUZU (<i>Fukuoka, Japan; Seoul, Republic of Korea</i>)	2935
Expression of Monocarboxylate Transporter (MCT)-4 in Colorectal Cancer and its Role: MCT4 Contributes to the Growth of Colorectal Cancer with Vascular Endothelial Growth Factor. Y. GOTANDA, Y. AKAGI, A. KAWAHARA, T. KINUGASA, T. YOSHIDA, Y. RYU, I. SHIRATSUCHI, M. KAGE, K. SHIROUZU (<i>Fukuoka, Japan</i>).....	2941
Estimation of the Number of Metastatic Lymph Nodes in Dukes' C Colorectal Cancer. T. FUKUSHIMA, Y. AKAGI, H. MURAKAMI, M. USHIJIMA, Y. OGATA, K. SHIROUZU, K. MUROTANI (<i>Fukuoka, Japan</i>)	2949
A Patient with Scirrhus Stomach Cancer Treated with Combination of Hyperthermotherapy and 5-Aminolevulinic acid (ALA). M. SAITO, K. YANO, T. KAMIGAKI, S. GOTO (<i>Tokyo; Tsuchiura-shi, Japan; New York, NY, U.S.A.</i>).....	2957
Prognostic Impact of Lymphatic Invasion of Colorectal Cancer: A Single-center Analysis of 1,616 Patients Over 24 Years. Y. AKAGI, Y. ADACHI, T. OHCHI, T. KINUGASA, K. SHIROUZU (<i>Fukuoka, Japan</i>).....	2965
Immunotherapy of Autologous Tumor Lysate-loaded Dendritic Cell Vaccines by a Closed-flow Electroporation System for Solid Tumors. T. KAMIGAKI, T. KANEKO, K. NAITOH, M. TAKAHARA, T. KONDO, H. IBE, E. MATSUDA, R. MAEKAWA, S. GOTO (<i>Tokyo, Japan</i>)	2971
Cancer of the Small Intestine in Patients with Crohn's Disease. D. HIGASHI, K. FUTAMI, D. KOJIMA, R. FUTATSUKI, Y. ISHIBASHI, T. MAEKAWA, Y. YANO, N. TAKATSU, F. HIRAI, T. MATSUI, A. IWASHITA (<i>Fukuoka, Japan</i>)	2977

Experimental Studies

Antitumor Effect of Combination of Hyperthermotherapy and 5-Aminolevulinic acid (ALA). K. TAKAHASHI, T. HASEGAWA, T. ISHII, A. SUZUKI, M. NAKAJIMA, K. UNO, I. YASUDA, A. KISHI, K. SADAMOTO, F. ABE, T. TANAKA (<i>Tokyo; Kyoto, Japan</i>)	2861
Primary Culture of Breast Cancer: A Model System for Epithelial-Mesenchymal Transition and Cancer Stem Cells. T. NISHIKATA, M. ISHIKAWA, T. MATSUYAMA, K. TAKAMATSU, T. FUKUHARA, Y. KONISHI (<i>Kobe; Osaka, Japan</i>)	2867
Induction of Nitric Oxide Production in RAW264.7 Cells under Serum-free Conditions by <i>O</i> -antigen Polysaccharide of Lipopolysaccharide. T. KADOWAKI, S. OHNO, Y. TANIGUCHI, H. INAGAWA, C. KOHCHI, G.-I. SOMA (<i>Kagawa; Tokushima, Japan</i>)	2875
Deagalactosylated/Desialylated Human Serum Containing GcMAF Induces Macrophage Phagocytic Activity and <i>In Vivo</i> Antitumor Activity. D. KUCHIIKE, Y. UTO, H. MUKAI, N. ISHIYAMA, C. ABE, D. TANAKA, T. KAWAI, K. KUBO, M. METTE, T. INUI, Y. ENDO, H. HORI (<i>Tokushima; Osaka; Kobe; Kanazawa, Japan</i>)	2881
Heat-shock Pre-treatment Reduces Liver Injury and Aids Liver Recovery After Partial Hepatectomy in Mice. Y. OKA, Y. AKAGI, T. KINUGASA, N. ISHIBASHI, N. IWAKUMA, I. SHIRATSUCHI, K. SHIROUZU (<i>Fukuoka, Japan</i>).....	2887
Angiogenesis-, Metastasis- and Signaling Pathway-related Factor Dynamics in Human Colon Cancer Cells Following Interaction with Monocytes. T. HONDA, I. YAMAMOTO, H. INAGAWA (<i>Sagamihara; Kagawa, Japan</i>)	2895
Profiles of ILY, VLY and Sm-hPAF Interaction with Human CD59. Y. KAWAGUCHI, A. TABATA, H. NAGAMUNE, K. OHKURA (<i>Choshi; Tokushima; Suzuka, Japan</i>)	2901
Construction of an Improved Drug Delivery System Tool with Enhanced Versatility in Cell-targeting. A. TABATA, Y. OHKUBO, M. TAMURA, T. TOMOYASU, K. OHKURA, H. NAGAMUNE (<i>Tokushima; Suzuka, Japan</i>)	2905
Antitumor Effect of Deagalactosylated Gc-Globulin on Orthotopic Grafted Lung Cancer in Mice. K. HIROTA, Y. NAKAGAWA, R. TAKEUCHI, Y. UTO, H. HORI, S. ONIZUKA, H. TERADA (<i>Noda; Tokyo; Tokushima; Nagasaki, Japan</i>).....	2911

Clinical Studies

Clinical Experience of Integrative Cancer Immunotherapy with GcMAF. T. INUI, D. KUCHIIKE, K. KUBO, M. METTE, Y. UTO, H. HORI, N. SAKAMOTO (<i>Tokushima; Osaka; Kobe, Japan</i>).....	2917
Lateral Lymph-node Dissection for Rectal Cancer: Meta-analysis of all 944 Cases Undergoing Surgery During 1975-2004. T. KINUGASA, Y. AKAGI, T. OCHI, Y. ISHIBASHI, N. TANAKA, Y. OKA, T. MIZOBE, K. YUGE, S. FUJINO, S. KIBE, K. SHIROUZU (<i>Fukuoka, Japan</i>)	2921
Gemcitabine with Paclitaxel Therapy Against Mesocolic Leiomyosarcoma: A Case Report. T. MIZOBE, Y. AKAGI, H. ISHIKAWA, I. SHIRATSUCHI, Y. OKA, T. KINUGASA, K. OHSHIMA, K. SETOJIMA, K. SHIROUZU (<i>Fukuoka; Tosu, Japan</i>)	2929