

## Recent Articles in CANCER GENOMICS & PROTEOMICS 2013

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- Review: The Emerging Role of New Protein Scaffold based-Agents for Treatment of Cancer. U.H. WEIDLE, J. AUER, U. BRINKMANN, G. GEORGES, G. TIEFENTHALER (*Penzberg, Germany*)
- Review: The Intriguing Options of Multispecific Antibody Formats for Treatment of Cancer. U.H. WEIDLE, G. TIEFENTHALER, E.H. WEISS, G. GEORGES, U. BRINKMANN (*Penzberg; Munich, Germany*)
- Review: Genomics and Proteomics Approaches for Biomarker Discovery in Sporadic Colorectal Cancer with Metastasis. M. GONZÁLEZ-GONZÁLEZ, J. GARCIA GARCIA, J.A. ALCAZAR MONTERO, L.M. GONZÁLEZ FERNANDEZ, O. BENGOCHEA, O. BLANCO MUÑEZ, A. ORFAO, J.M. SAYAGUES, M. FUENTES (*Salamanca, Spain*)
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- Identification by High-throughput In Silico Screening of Radio-protecting Compounds Targeting the DNA-binding Domain of the Tumor Suppressor p53. T. EICHHORN, C. HILLER, K. HIRSCHFELDER, M. FRANK, R.L. KRAUTH-SIEGEL, R. MÜLLER, R. MERTENS, T. EFFERTH (*Mainz; Heidelberg; Saarbrücken; Aachen, Germany*)
- The Differential Expression of Vascular Endothelial Growth Inhibitor Isoforms, VEGI251, VEGI174 and VEGI192 in Human Clear-cell Renal Cell Carcinoma. N. ZHANG, P. WU, L. WU, D. SHAYIREMU, H. SHAN, L. YE, W.G. JIANG, K. GONG, Y. YANG (*Beijing; Hami, Xinjiang, PR, China; Cardiff, UK*)
- Clinicopathological Correlation and Prognostic Significance of VEGF-A, VEGF-C, VEGFR-2 and VEGFR-3 Expression in Colorectal Cancer. S.F. MARTINS, E.A. GARCIA, M.A.M. LUZ, F. PARDAL, M. RODRIGUES, A.L. FILHO (*Braga; Guimarães; Vila Real, Portugal; São Paulo, Brazil*)
- Guanine Nucleotide Binding Protein  $\beta$  1: A Novel Transduction Protein with a Possible Role in Human Breast Cancer. U. WAZIR, W.G. JIANG, A.K. SHARMA, K. MOKBEL (*London; Cardiff, Wales, UK*)
- Significant Association of Caveolin-1 Single Nucleotide Polymorphisms with Childhood Leukemia in Taiwan. C.-H. WANG, Y.-L. LAI, W.-S. CHANG, K.-H. WU, H.-Y. LANE, C.-F. CHIU, F.-J. TSAI, C.-C. LIN, D.-T. BAU (*Taichung, Taiwan, ROC*)
- Expression of NF $\kappa$ B1, GADD45A and JNK1 in Salivary Gland Carcinomas of Different Histotypes. G. GÓBEL, I. SZANYI, P. RÉVÉSZ, M. BAUER, I. GERLINGER, A. NÉMETH, I. EMBER, K. GOCZE, K. GOMBOS (*Pécs, Hungary*)
- Dihydropyrimidine Dehydrogenase Gene (DPYD) Polymorphism among Caucasian and non-Caucasian Patients with 5-FU- and Capecitabine-related Toxicity Using Full Sequencing of DPYD. M.W. SAIF (*Boston, MA, USA*)
- Diagnostic MicroRNA Markers to Screen for Sporadic Human Colon Cancer in Stool: I. Proof of Principle. F.E. AHMED, N.C. AHMED, P.W. VOS, C. BONNERUP, J.N. ATKINS, M. CASEY, G.J. NUOVO, W. NAZIRI, J.E. WILEY, H. MOTA, R.R. ALLISON (*Greenville; Goldsboro, NC, USA*)
- Mutational Analysis of Gastrointestinal Stromal Tumors (GISTs): Procedural Approach for Diagnostic Purposes. R. PALMIROTTA, M.L. DE MARCHIS, G. LUDOVICI, B. LEONE, R. COVELLO, S. CONTI, L. COSTARELLI, D. DELLA-MORTE, P. FERRONI, M. ROSELLI, F. GUADAGNI (*Rome, Italy; Miami, FL, USA*)
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- Review: The Role of Thiamine in Cancer: Possible Genetic and Cellular Signaling Mechanisms. K. VINH Q. LU'ONG, L.T.H. NGUYỄN (*Westminster, CA, USA*)
- A Role for WISP2 in Colorectal Cancer Cell Invasion and Motility K.A. FREWER, A.J. SANDERS, S. OWEN, N.C. FREWER, R. HARGEST, W.G. JIANG (*Cardiff, UK*)

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### A Selection of Recent Papers

Metastatic Biomarker Discovery Through Proteomics. L.T. BRINTON, T.A. BRENTNALL, 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- $\beta$  and TNF- $\alpha$  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*)

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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*)

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