

CANCER GENOMICS & PROTEOMICS

Volume 3, Number 3-4, May-August 2006

Contents

* RNA Interference with siRNA. H. JOYCE, I. BRAY, M. CLYNES (<i>Dublin, Ireland</i>).....	127
* Genomic Instability and Breast Cancer Progression. S. INGVARSSON (<i>Reykjavik, Iceland</i>).....	137
* Design of Nanoparticles as Drug Carriers for Cancer Therapy. J. ZHANG, C.Q. LAN, M. POST, B. SIMARD, Y. DESLANDES, T.H. HSIEH (<i>Ottawa, ON, Canada</i>).....	147
* Molecular Replacement for Cancer Metabolic and Mitochondrial Dysfunction, Fatigue and the Adverse Effects of Cancer Therapy. G.L. NICOLSON, K.A. CONKLIN (<i>Huntington Beach; Los Angeles, CA, USA</i>).....	159
Gene Expression Profiles of CD133-positive Fractions Predict the Survival of Individuals with Acute Myeloid Leukemia. Y. YAMASHITA, J. OHASHI, Y. HIRAI, Y.L. CHOI, R. KANEDA, S.-I. FUJIWARA, Y. ARAI, M. AKUTSU, C. TSUTSUMI, Y. MIYAZAKI, K. USUKI, M. TERAMURA, K. MITANI, Y. KANO, M.C. O'NEILL, A. URABE, M. TOMONAGA, K. OZAWA, H. MANO (<i>Tochigi; Tokyo; Nagasaki; Saitama, Japan; Baltimore, MD, USA</i>).....	169
Effect of Vitamin E on Cytochrome P450 mRNA Levels in Cultured Hepatocytes (HepG2) and in Rat Liver. C. HUNDHAUSEN, J. FRANK, G. RIMBACH, E. STOECKLIN, P.Y. MULLER, L. BARELLA (<i>Kiel, Germany; Basel, Switzerland</i>).....	183
Association of HLA-DRB1 and -DQB1 with Classic Kaposi's Sarcoma in Mainland Italy. F.R. GUERINI, C. AGLIARDI, R. MANCUSO, L. BRAMBILLA, R. BIFFI, S. FERRUCCI, L. ZANETTA, M. ZANZOTTERA, M. BRAMBATI, V. BONESCHI, P. FERRANTE (<i>Milan, Italy</i>).....	191
* Gene Expression Microarray Technology: Some Applications in Lung Cancer Research. L. BREEN, L. O' DRISCOLL, M. CLYNES (<i>Dublin, Ireland</i>).....	197
* Metastasis Promoter S100A4 is a Potential Molecular Therapeutic Target. G.V. SHERBET (<i>Newcastle upon Tyne, UK; Huntington Beach, CA, USA</i>).....	203
* Laser Microdissection: Application to Carcinogenesis. F.E. AHMED (<i>Greenville, NC, USA</i>).....	217
* Considerations Regarding the Use of Blood Samples in the Proteomic Identification of Biomarkers for Cancer Diagnosis. C.V. SAPAN, R.L. LUNDBLAD (<i>Chapel Hill, NC, USA</i>).....	227
Methylation Inactivates Expression of CDP-diacylglycerol Synthase 1 (<i>CDS1</i>) in Hepatocellular Carcinoma. K.-T. YEH, K.-P. TANG, Y.-L. CHEN, W.-W. SU, Y.-F. WANG, J.-G. CHANG (<i>Taichung; Changhua; Taipei; Taiwan, ROC</i>).....	231
Reduced Expression of the Cell Cycle Regulator p27 ^{Kip1} within the Invasion Front of Renal Cell Carcinomas Proved to be a Significant Marker for Disease-specific Survival. A.S. MERSEBURGER, E. VON DER HEYDE, A. KOBIERSKI, U. WEGENER, M. MENGEL, U. JONAS, J. SERTH, M. KUCZYK (<i>Tübingen; Hannover, Germany</i>).....	239
Oligonucleotide Array Comparative Genomic Hybridization Profiling of Neuroblastoma Tumours. P. SCARUFFI, S. MORETTI, S. COCO, K. MAZZOCCO, R. DEFFERRARI, D. ALBINO, S. BONASSI, G.P. TONINI (<i>Genoa, Italy</i>).....	245

* Proteomics in Cancer Research and Diagnosis; An Update. V. IFANDI, S.E. SLADE, M. KHAN (<i>Coventry, UK</i>)	253
Relationship among Genetic Alterations, DNA Content, and Clinicopathological Features in Primary Lung Adenocarcinomas. K. UEDA, Y. KANEDA, M. HAYASHI, M. JINBO, T.-S. LI, K. HAMANO (<i>Yamaguchi, Japan</i>)	265
Correlative Analysis of DNA Methyltransferase Expression and Promoter Hypermethylation of Tumor Suppressor Genes in Hepatocellular Carcinoma. T.-W. LAM, J.H.-M. TONG, K.-F. TO, A. CHAN, C.-T. LIEW, P.B.-S. LAI, N. WONG (<i>Shatin, SAR Hong Kong, China</i>)	271
* Reviews (pages 127, 137, 147, 159, 197, 203, 217, 227, 253)	