TABLE OF CONTENTS

December 2014 Volume 6 Number 4

Original Articles

133 Comprehensive analysis of common coding sequence variants in Taiwanese Han population
Ya-Chi Lin, Joseph T. Tseng, Shuen-Lin Jeng, H. Sunny Sun

144 Aloin-induced cell growth arrest, cell apoptosis, and autophagy in human non-small cell lung cancer cells
Ming-Chin Lee, Ji-Der Liao, Wan-Ling Huang, Fang-Yi Jiang, Yu-Zhi Jheng, Yuan-Yuan Jin, Ya-Shih Tseng

Short Communications

150 Autophagy regulation in heme-induced neutrophil activation is associated with microRNA expression on transfusion-related acute lung injury
Ren-In You, Ching-Liang Ho, Ming-Shen Dai, Hsiu-Man Hung, Chu-Shun Chen, Tsu-Yi Chao

154 Development of a miRNA biochip platform
Jia-Yuan Chang, Mei-Yin Chang, Yi-Lin Wu, Fong-Jia Syu

159 Identifying the invasive nature of a distinct population from A549 adenocarcinomic lung cancer cell
Meng-Wei Lin, Ching-Hsuan Law, Hsiu-Chuan Chou

163 Predictive biomarkers for the efficacy of concurrent chemoradiotherapy for patients with colorectal cancer
Hsin-Ju Wu, Hsueh-Chiao Liu, Yu-Tang Chang, Shiu-Ru Lin, Long-Sen Chang

167 Secretomic analysis uncovers the mechanisms of gefitinib resistance in non-small-cell lung carcinoma
Shine-Bei Wu, Hsiu-Chuan Chou

171 The impact of white blood cell count and hemoglobin level on the response to radiotherapy in patients with colorectal cancer
Hsueh-Chiao Liu, Ming-Yi Huang, Jaw-Yuan Wang, Long-Sen Chang, Shiu-Ru Lin

175 Hyperglycemia initiates N-cadherin rearrangement and diabetic monocytes promote inflammatory responses in human microvascular endothelial cells
Chi-Lun Feng, Hsiu-Chuan Chou

180 Serum adiponectin and glucose in patients with hepatitis B virus infection
Wen-Tung Hsu, Keng-Yi Wu, Wu-Hsien Kuo, Wen-Hsiu Hsu, Yu-Lian Lai, Yi-Yu Tu, Kwang-Yang Tsai, Li-Mien Chen

183 Polymorphisms in EGFR, GSTP1, XPD, DPD, ERCC1, and UTG1A1 of colorectal cancer patients treated with 5-fluorouracil plus oxaliplatin or irinotecan chemotherapy
Chia-Ting Chao, Yi-Lin Wu, Tai-Feng Hsu, Jaw-Yuan Wang, Long-Sen Chang, Shiu-Ru Lin

Abstracts

186 Association of transforming growth factor-β1 gene T869C polymorphisms with osteopenia and osteoporosis in Taiwanese
Tai-Feng Hsu, Yu-Ting Yang, Pei-Fen Wu, San-Ho Hung, Kwok-Wan Yang
187 Autophagy regulates human hepatocellular carcinoma tumorigenesis through selective degradation of cyclin D1  
Shan-Ying Wu, Sheng-Hui Lan, Xi-Zhang Lin, Ih-Jen Su, Ting-Fen Tsai, Chia-Jul Yen, Hsiao-Sheng Liu

188 Characterization of a colorectal cancer migration and invasion-related microRNA miR-338-5p and its target gene PIK3C3  

189 Endothelin-1 promotes cell migration through epithelial-to-mesenchymal transition in human oral cancer  
Chia-Yun Huang, Ching-Ping Wang, Yi-Hao Chang, Pei-Han Huang, Chih-Hsin Tang, Min-Huan Wu

190 Endothelin-1 promotes vascular endothelial growth factor (VEGF) expression through regulating snail of human oral cancer  
Yi-Ling Yu, Ching-Ping Wang, Yi-Hao Chang, Seng-sheen Fan, Wei-Ting Chao, Chih-Hsin Tang, Min-Huan Wu

Chia-Ming Yeh, Pi-Chen Chen, Yu-Hsin Chen, Lin-Chien Hung, Yi-Ting Wang, Ming-Hsuan Tsai, Martin M.S. Huang, Cheng-Huang Shen, Cheng-Da Hsu, Michael W.Y. Chan

193 Lobeline enhances chemosensitivity of doxorubicin in multidrug-resistant human uterine sarcoma cells  
Mei-Chen Shen, Chin-Hsun Hsu

194 Overexpression of carbonic anhydrase-related protein-8 gene enhances osteosarcoma cell migration by increasing matrix metalloproteinases expression  
Yi-Sheng Lai, Ming-Li Hsieh, Seng-sheen Fan, Wei-Ting Chao, Chih-Hsin Tang, Min-Huan Wu

195 Overexpression of Mps one binder proteins-2 (mob2) gene promotes epithelial-to-mesenchymal transition in human fibrosarcoma cells  
Bo-Ying Chen, Seng-sheen Fan, Wei-Ting Chao, Min-Huan Wu

196 Studying the molecular mechanism underlying dissemination of pancreatic ductal adenocarcinoma after surgical resection  
Shu-Ting Hsu, Ya-Chi Lin, H. Sunny Sun

197 The synergistic effect of gene polymorphisms on drug induced side-effects among patients with pulmonary tuberculosis  
Chen-Han Hou, Tai-An Chiang, Shun-Telen Chien, Weo-Ping Wei, Jui-Ming Huang, Pei-Fen Wu

198 Transfection anti-beta-catenin intrabody to suppress cancer cell by blocking Wnt pathway  
Der-An Tsao, Shu-Mei Yang, Chen-Rou Yang, Yu-Hsiang Kang, Ya-Cin Lai, Pei-Yu Chen, Yi-Han Wang, Shih-Yu Huang, Wei-Chang Tseng, Han-Chung Wu

199 Up-regulation of the Mps one binder proteins-2 (mob2) gene enhances human fibrosarcoma cells migration by increasing matrix metalloproteinases expression  
Kuan-Min Chen, Seng-sheen Fan, Wei-Ting Chao, Li-Yu Chen, Min-Huan Wu

I Author Index
IV Keyword Index
VI Title Index