



Scan to view this journal
on your mobile device



Supported by the National Natural
Science Foundation of China

Acta Biochimica et Biophysica Sinica

Vol. 44 No. 7 July 2012

Contents

Review

551 Human leukocyte antigen E in human cytomegalovirus infection: friend or foe?

Fang Gong, Shengli Song, Guozhong Lv, Yuhong Pan, Dongqing Zhang, and Hong Jiang

Original Articles

555 Overexpression of cotton (*Gossypium hirsutum*) *dirigent1* gene enhances lignification that blocks the spread of *Verticillium dahliae*

Haiyan Shi, Zhihao Liu, Li Zhu, Chaojun Zhang, Yun Chen, Ying Zhou, Fuguang Li, and Xuebao Li

565 Ellagic acid facilitates indomethacin-induced gastric ulcer healing via COX-2 up-regulation

Ananya Chatterjee, Sirshendu Chatterjee, Smita Das, Arpita Saha, Subrata Chattopadhyay, and Sandip K. Bandyopadhyay

577 Diallyl trisulfide induces apoptosis and inhibits proliferation of A549 cells *in vitro* and *in vivo*

Wenjun Li, Hui Tian, Lin Li, Shuhai Li, Weiming Yue, Zhitao Chen, Lei Qi, Wensi Hu, Yingchao Zhu, Bin Hao, Cun Gao, Libo Si, and Fei Gao

584 Tumor suppressor gene *NGX6* induces changes in protein expression profiles in colon cancer HT-29 cells

Yu Li, Yuan Luo, Xiaoyan Wang, Shourong Shen, Haibo Yu, Jing Yang, and Zheng Su

591 Tissue distribution and cancer growth inhibition of magnetic lipoplex-delivered type 1 insulin-like growth factor receptor shRNA in nude mice

Minjian Kong, Xuebiao Li, Chunmao Wang, Chao Ding, Aiqiang Dong, Qunjun Duan, and Zhonghua Shen

597 A faster immunofluorescence assay for tracking infection progress of human cytomegalovirus

Yingliang Duan, Lingfeng Miao, Hanqing Ye, Cuiqing Yang, Bishi Fu, Philip H. Schwartz, Simon Rayner, Elizabeth A. Fortunato, and Min-Hua Luo

606 Isolation and characterization of a novel lectin with antifungal and antiproliferative activities from *Sophora alopecuroides* seeds

Tingting Li, Xiaoli Yin, Dongliang Liu, Xiaojin Ma, Hui Lv, and Surong Sun

614 Analysis of reference gene expression for real-time PCR based on relative quantitation and dual spike-in strategy in the silkworm *Bombyx mori*

Ran Peng, Yuanfen Zhai, Hua Ding, Tianyuan Di, Ting Zhang, Bing Li, Weide Shen, and Zhengguo Wei

Short Communication

623 Glutaredoxin serves as a reductant for methionine sulfoxide reductases with or without resolving cysteine

Hwa-Young Kim

Acta Biochim Biophys Sin is indexed in Science Citation Index-Expanded™, PubMed, MEDLINE, Biochemistry & Biophysics Citation Index™, Biological Abstracts, Bioscience Citation Index™, Chemical Abstracts, Research Alert™, etc. *Acta Biochim Biophys Sin* is supported by the grants from the Science Publishing Foundation of the Chinese Academy of Sciences, the National Natural Science Foundation of China, and WANG Ying-Lai Foundation.