



Scan to view this journal
on your mobile device



Supported by the National Natural
Science Foundation of China

Acta Biochimica et Biophysica Sinica

Vol. 46 No. 8 August 2014

Contents

Review

629 New insights into the roles of CHOP-induced apoptosis in ER stress

Yiming Li, Yunshan Guo, Juan Tang, Jianli Jiang, and Zhinan Chen

Original Articles

641 The zebrafish Tie2 signaling controls tip cell behaviors and acts synergistically with Vegf pathway in developmental angiogenesis

Wenqing Li, Jian Chen, Min Deng, and Qing Jing

647 Expression analysis of BORIS during pluripotent, differentiated, cancerous, and non-cancerous cell states

Sara Soltanian, Hesam Dehghani, Maryam M. Matin, and Ahmad Reza Bahrami

659 Effects of cations on small fragment of DNA polymerase I using a novel FRET assay

Guojie Zhao, Suming Tang, Jun Li, Tianyu Hu, and Yifu Guan

668 Really interesting new gene finger protein 121 is a novel Golgi-localized membrane protein that regulates apoptosis

Yuanbo Zhao, Beiqi Hongdu, Dalong Ma, and Yingyu Chen

675 The anorexic effect of Ex4/Fc through GLP-1 receptor activation in high-fat diet fed mice

Rui Liu, Duan Ma, Yiming Li, Renming Hu, Yongde Peng, and Qinghua Wang

682 Silencing RhoA inhibits migration and invasion through Wnt/ β -catenin pathway and growth through cell cycle regulation in human tongue cancer

Guoxin Yan, Ronghai Zou, Zhenggang Chen, Bing Fan, Zhaoyan Wang, Ying Wang, Xiaonan Yin, Dong Zhang, Lei Tong, Fang Yang, Weina Jiang, Wensheng Fu, Jiwei Zheng, Martin O. Bergo, Martin Dalin, Jiawei Zheng, Shulan Chen, and Jianhua Zhou

691 Selection of HBV preS1-binding penta-peptides by phage display

Yonggang He, Xiaoli Ye, Pierre Tiollais, Jiming Zhang, Junqi Zhang, Jing Liu, and Youhua Xie

699 A static pressure sensitive receptor APJ promote H9c2 cardiomyocyte hypertrophy via PI3K-autophagy pathway

Feng Xie, Wei Liu, Fen Feng, Xin Li, Li Yang, Deguan Lv, Xuping Qin, Lanfang Li, and Linxi Chen

709 Cloning and characterization of the shell matrix protein Shematrixin in scallop *Chlamys farreri*

Ya Lin, Ganchu Jia, Guangrui Xu, Jingtian Su, Liping Xie, Xiaoli Hu, and Rongqing Zhang

New Phenomenon

720 Expression of miR-224, miR-145, and their putative target ADAM17 in hepatocellular carcinoma

Yuwu Liu, Chang Wu, Ying Wang, Sailan Wen, Junpu Wang, Zhihong Chen, Qiongqiong He, and Deyun Feng

723 **MicroRNAs expression profiles in adipose tissues and liver from sex-linked dwarf and normal chickens**

Yaqiong Ye, Li Deng, Meile Liang, Lifeng Xu, Lihua Zhang, Yongjiang Ma, and Yugu Li

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.