



Scan to view this journal
on your mobile device



ACTA BIOCHIMICA ET BIOPHYSICA SINICA

VOLUME 47, NUMBER 11
NOVEMBER 2015

Contents

Original Articles

- Characterization of β -defensin 42 expressed in principal cells at the initial segment of the rat epididymis
Aijie Xin, Yue Zhao, Heguo Yu, Huijuan Shi, Hua Diao, and Yonglian Zhang 861
- Dendritic cell-based vaccination with lentiviral vectors encoding ubiquitinated hepatitis B core antigen enhances hepatitis B virus-specific immune responses *in vivo*
Shenglan Dai, Meng Zhuo, Linlin Song, Xiaohua Chen, Yongsheng Yu, Zhenghao Tang, and Guoqing Zang 870
- C-terminal extension of calmodulin-like 3 protein from *Oryza sativa* L.: interaction with a high mobility group target protein
Aumnart Chinpongpanich, Srivilai Phean-O-Pas, Mayura Thongchuang, Li-Jia Qu, and Teerapong Buaboocha 880
- Critical roles of chemokine receptor CCR5 in regulating glioblastoma proliferation and invasion
Lanfu Zhao, Yuan Wang, Yafei Xue, Wenhai Lv, Yufu Zhang, and Shiming He 890
- Excess TNF- α in the blood activates monocytes with the potential to directly form cholesteryl ester-laden cells
Ming Zhu, Lei Lei, Zhenhua Zhu, Qin Li, Dongqing Guo, Jiajia Xu, Jia Chen, Huifang Sha, Xiaowei Zhang, Xinying Yang, Baoliang Song, Boliang Li, Yan Yan, and Ying Xiong 899
- Changes of intracellular Ca²⁺ in quercetin-induced autophagy progression
Xiaodong Cui, Yanan Luo, Chen Li, Yuying Li, and Zhuanhua Wang 908
- H₂S protects PC12 cells against toxicity of corticosterone by modulation of BDNF-TrkB pathway
Shenglan Gao, Wenting Li, Wei Zou, Ping Zhang, Ying Tian, Fan Xiao, Hongfeng Gu, and Xiaoqing Tang 915
- Antitumor activity of fucoidan against diffuse large B cell lymphoma *in vitro* and *in vivo*
Guang Yang, Qianqiao Zhang, Yuanyuan Kong, Bingqian Xie, Minjie Gao, Yi Tao, Hongwei Xu, Fenghuang Zhan, Bojie Dai, Jumei Shi, and Xiaosong Wu 925
- Bacterial lipopolysaccharide induces rainbow trout myotube atrophy via Akt/FoxO1/Atrogin-1 signaling pathway
J.E. Aedo, A.E. Reyes, R. Avendaño-Herrera, A. Molina, and J.A. Valdés 932
- #### Short Communication
- Functional analysis of the *aefR* mutation and identification of its binding site in *Pseudomonas syringae* pv. *tabaci* 11528
Sora Yun, Jun Seung Lee, Mi Sol Do, Young Ji Jeon, Ji Young Cha, and Hyung Suk Baik 938

Lab Note

Preparation of highly specific polyclonal antibody for human zinc transporter ZIP8

Zhongsheng Zang, Yanming Xu, and Andy T.Y. Lau. 946

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 Project for Enhancing International Impact of China STM Journals, and the WANG Ying-Lai Foundation.