



Scan to view this journal
on your mobile device



ACTA BIOCHIMICA ET BIOPHYSICA SINICA

VOLUME 47, NUMBER 7
JULY 2015

Contents

Review

- Tobacco carcinogen NNK-induced lung cancer animal models and associated carcinogenic mechanisms
Guang-Zhe Ge, Tian-Rui Xu, and Ceshi Chen 477

Original Articles

- Over-expression of recombinant proteins with N-terminal His-tag via subcellular uneven distribution
in *Escherichia coli*
Won-Ji Park, Sung-Hwan You, Hyoung-An Choi, Yeon-Jin Chu, and Geun-Joong Kim 488

- miR-125a-3p targets MTA1 to suppress NSCLC cell proliferation, migration, and invasion
Hong Zhang, Xiaoxia Zhu, Na Li, Dianhe Li, Zhou Sha, Xiaokang Zheng, and Haofei Wang 496

- Alteration of sperm protein profile induced by cigarette smoking
Xiaohui Chen, Wangjie Xu, Maohua Miao, Zijue Zhu, Jingbo Dai, Zhong Chen, Peng Fang, Junqing Wu, Dongsheng Nie, Lianyun Wang, Zhaoxia Wang, Zhongdong Qiao, and Huijuan Shi 504

- Up-regulation of iNOS by hypoxic postconditioning inhibits H9c2 cardiomyocyte apoptosis induced by hypoxia/re-oxygenation
Huanxin Zhao, Rong Yang, Yujuan Shi, Wanfang Yang, Qun Zeng, Guoyi Zhao, and Xiaoliang Wang ... 516

- Parkin-induced ubiquitination of Mff promotes its association with p62/SQSTM1 during mitochondrial depolarization
Ju Gao, Siyue Qin, and Chang'an Jiang 522

- Down-regulation of microRNA-26b modulates non-small cell lung cancer cells chemoresistance and migration through the association of PTEN
Naixin Liang, Xiaoyun Zhou, Ming Zhao, Dachun Zhao, Zhaohui Zhu, Shanqing Li, and Huaxia Yang ... 530

- Angiotensin II induces an increase in MMP-2 expression in idiopathic ascending aortic aneurysm via AT1 receptor and JNK pathway
Chunmao Wang, Qian Chang, Xiangyang Qian, Chuan Tian, and Xiaogang Sun 539

- Hyperpigmentation mechanism of methyl 3,5-di-caffeoylquininate through activation of p38 and MITF induction of tyrosinase
Hyo Jung Kim, Jin Sook Kim, Je-Tae Woo, Ik-Soo Lee, and Byung-Yoon Cha 548

Short Communication

- Differential expression of bone morphogenetic protein 5 in human lung squamous cell carcinoma and adenocarcinoma
Taoran Deng, Dandan Lin, Man Zhang, Qingchuan Zhao, Weina Li, Bo Zhong, Yu Deng, and Xiangning Fu 557

New Phenomena

Association of SNPs in miR-146a, miR-196a2, and miR-499 with the risk of endometrial/ovarian cancer
Xiaoyan Liu, Beihui Xu, Shujin Li, Bin Zhang, Peimin Mao, Beibei Qian, Lin Guo, and Peihua Ni. 564

d(GC)_n repeats form Z-DNA within promoter region and repress the promoter activity in *Escherichia coli*
Shenghe Huang, Chuxin Wu, Dongming Li, Haizhou Wang, Zechang Rao, Qiling Shen, Chunxiang Chen, Yong Liu, Xun Xu, and Chengyu Hu. 567

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.