





Scan to view this journal on your mobile device

ACTA BIOCHIMICA ET BIOPHYSICA SINICA

VOLUME 49, NUMBER 2 FEBRUARY 2017

Contents

Original Articles

lsolation and identification of stem cells from degenerated human intervertebral discs and their migration characteristics	
Shuhao Liu, Haifeng Liang, Soo-min Lee, Zheng Li, Jian Zhang, and Qinming Fei	101
GPx1 knockdown suppresses chondrogenic differentiation of ATDC5 cells through induction of reductive stress	
Jidong Yan, Yuanxu Guo, Yao Fei, Rui Zhang, Yan Han, and Shemin Lu	110
Expression of HMGB2 indicates worse survival of patients and is required for the maintenance of Warburg effect in pancreatic cancer	
Xin Cai, Hongjian Ding, Yanxia Liu, Gaofeng Pan, Qingguo Li, Zhen Yang, and Weiyan Liu	119
The effects and regulatory mechanism of RIP3 on RGC-5 necroptosis following elevated hydrostatic pressure	
Lei Shang, Wei Ding, Na Li, Lvshuang Liao, Dan Chen, Jufang Huang, and Kun Xiong	128
SQLE induces epithelial-to-mesenchymal transition by regulating of miR-133b in esophageal squamous cell carcinoma Yi Qin, Yi Zhang, Qinting Tang, Li Jin, and Yong'an Chen	138
Human apolipoprotein A-I exerts a prophylactic effect on high-fat diet-induced atherosclerosis via	
inflammation inhibition in a rabbit model	
Jiyang Li, Weina Wang, Lei Han, Meiqing Feng, Hui Lu, Li Yang, Xiangxiang Hu, Si Shi, Shanshan Jiang, Qian Wang, and Li Ye	149
MiR-375 suppresses invasion and metastasis by direct targeting of SHOX2 in esophageal squamous cell carcinoma	
Jun Yi, Li Jin, Jing Chen, Bing Feng, Zhenyue He, Longbang Chen, and Haizhu Song	159
Role of norepinephrine in Aβ-related neurotoxicity: dual interactions with Tyr ¹⁰ and SNK(26–28) of Aβ <i>Mengmeng Liu, Liping Wan, Yannan Bin, and Juan Xiang</i>	170
Incorporation of NLR into NIH stratification system increases predictive accuracy for surgically resected gastrointestinal stromal tumors	
Anwei Xue, Xiaodong Gao, Yong Fang, Ping Shu, Jiaqian Ling, Kuntang Shen, Yihong Sun, Jing Qin, Xinyu Qin, and Yingyong Hou	179

Short Communication

sine acetylation regulates the activity of <i>Escherichia coli</i> pyridoxine 5′-phosphate oxidase ng Gu, Yuanyuan Chen, Hongsen Guo, Manluan Sun, Mingkun Yang, Xude Wang, Xian'en Zhang, d Jiaoyu Deng	186
New Phenomenon	
Regucalcin plays a role in the cytoskeleton regulation of HepG2 cells Jia Chen, Beihui Xu, Jiemin Wu, Xiangfan Liu, Hong Xu, and Peihua Ni	193

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.