



Scan to view this journal on your mobile device



# ACTA BIOCHIMICA ET BIOPHYSICA SINICA

VOLUME 50, NUMBER 11  
NOVEMBER 2018

## Contents

### Original Articles

- SNX6 predicts poor prognosis and contributes to the metastasis of pancreatic cancer cells via activating epithelial–mesenchymal transition  
*Pengfei Hu, Yun Liang, Qiangsheng Hu, Hongwei Wang, Zhiwei Cai, Jiaqi He, Jianhua Cai, Meng Liu, Yi Qin, Xianjun Yu, Chongyi Jiang, Bo Zhang, and Wei Wang* ..... 1075
- Organosulfur compounds induce cytoprotective autophagy against apoptosis by inhibiting mTOR phosphorylation activity in macrophages  
*Yanyang Wu, Yongquan Hu, Haiyan Zhou, Jiayu Zhu, Zhongyi Tong, Si Qin, and Dongbo Liu* ..... 1085
- Transcriptomics-based identification and characterization of 11 CYP450 genes of *Panax ginseng* responsive to MeJA  
*Xu Zeng, Tiao Luo, Jijia Li, Gui Li, Donghua Zhou, Tuo Liu, Xian Zou, Aparna Pandey, and Zhiyong Luo* ..... 1094
- miR-23b promotes cutaneous wound healing through inhibition of the inflammatory responses by targeting ASK1  
*Hongzhi Li, Xiao Han, Kuiyang Zuo, Li Li, Jieting Liu, Xiaohuan Yuan, Yongchao Shen, Minglong Shao, Daxin Pang, Yanhui Chu, and Binghai Zhao* ..... 1104
- Gallic acid inhibits fibroblast growth and migration in keloids through the AKT/ERK signaling pathway  
*Xiuxia Wang, Ke Liu, Mengying Ruan, Jun Yang, and Zhen Gao* ..... 1114
- Hypoxia induces hypomethylation of the *HMGB1* promoter via the MAPK/DNMT1/HMGB1 pathway in cardiac progenitor cells  
*Jinwen Su, Ming Fang, Bei Tian, Jun Luo, Can Jin, Xuejun Wang, Zhongping Ning, and Xinming Li* ..... 1121
- The role of RIP3 in cardiomyocyte necrosis induced by mitochondrial damage of myocardial ischemia–reperfusion  
*Huifang Hou, Yongling Wang, Qiong Li, Zaibing Li, Yan Teng, Jingyu Li, Xiaoying Wang, Junli Chen, and Ning Huang* ..... 1131
- Bcl-3 promotes proliferation and chemosensitivity in BL1 subtype of TNBC cells  
*Junhaohui Huo, Xi Chen, Haohao Zhang, Yiming Hu, Yuhang Jiang, Sanhong Liu, and Xiaoren Zhang* ..... 1141

## **Short Communications**

Anti-tumor responses to hypofractionated radiation in mice grafted with triple negative breast cancer is associated with decorin induction in peritumoral muscles

*Qi Yu, Kedao Xin, Yu Miao, Zhaobin Li, Shen Fu, Shudong Hu, Qing Zhang, and Shumin Zhou..... 1150*

A novel CD81 homolog identified in lamprey, *Lampetra japonica*, with roles in the immune response of lamprey VLRB<sup>+</sup> lymphocytes

*Wenjing Liang, Miceng Gao, Xueying Song, Yinglun Han, Meng Go, Peng Su, Qingwei Li, and Xin Liu ..... 1158*

Identification and characterization of novel fusion genes in prostate cancer by targeted RNA capture and next-generation sequencing

*Jie Yang, Yun Chen, Jingxiao Lu, Xingxing Wang, Lu Wang, Jialong Liang, and Zhong Sheng Sun. .... 1166*

## **Lab Notes**

Rapid and efficient CRISPR-mediated genome editing with cloning-free method

*Wuqing Liu, Yunbin Zhang, Shifeng Li, and Yiping Li ..... 1173*

Inhibitory effect of IFITM5 on cementoblast differentiation is associated with Wnt signaling

*Eun-Jung Kim, Min-Jung Lee, Hyun-Yi Kim, David William Green, Takashi Takata, and Han-Sung Jung ..... 1176*