

REVIEW

Cell cycle-dependent control of homologous recombination

Xin Zhao; Chengwen Wei; Jingjing Li; Poyuan Xing; Jingyao Li ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 655–668, <https://doi.org/10.1093/abbs/gmx055>

ORIGINAL ARTICLES

The potential role of retinoic acid receptor α on glomerulosclerosis in rats and podocytes injury is associated with the induction of MMP2 and MMP9

Xiuping Chen; Yuanhan Qin; Tianbiao Zhou; Ling Jiang; Fengying Lei ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 669–679, <https://doi.org/10.1093/abbs/gmx066>

Expression of OTUB1 in hepatocellular carcinoma and its effects on HCC cell migration and invasion

Qinggan Ni; Jiahui Chen; Xia Li; Xiaodong Xu; Nannan Zhang ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 680–688, <https://doi.org/10.1093/abbs/gmx056>

mTOR signaling pathway differently regulates central and peripheral axon regeneration

Ziwei Huang; Weihua Wang; Jinjin Ma; Bin Li; Jianquan Chen ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 689–695, <https://doi.org/10.1093/abbs/gmx068>

Effects of trigonelline inhibition of the Nrf2 transcription factor *in vitro* on *Echinococcus granulosus*

Wenjuan Qin; Dongfang Guan; Rongji Ma; Rentan Yang; Guoqiang Xing ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 696–705, <https://doi.org/10.1093/abbs/gmx067>

A278C mutation of dihydropteridine reductase decreases autophagy via mTOR signaling

Qin Si; Sifan Sun; Yanting Gu

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 706–712, <https://doi.org/10.1093/abbs/gmx061>

Local knockdown of Nav1.6 relieves pain behaviors induced by BmK I

Shichao Qin; Feng Jiang; You Zhou; Guokun Zhou; Pin Ye ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 713–721, <https://doi.org/10.1093/abbs/gmx064>

Tetramethylpyrazine reverses intracerebroventricular streptozotocin-induced memory deficits by inhibiting GSK-3 β

Fen Lu; Xu Li; Wei Li; Ke Wei; Yong Yao ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 722–728, <https://doi.org/10.1093/abbs/gmx059>

SHORT COMMUNICATION

***Ctenopharyngodon idella* IKK β interacts with PKR and I κ B α**

Haizhou Wang; Qun Xu; Xiaowen Xu; Yousheng Hu; Qunhao Hou ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 729–736, <https://doi.org/10.1093/abbs/gmx065>

Up-regulation of carcinoembryonic antigen-related cell adhesion molecule 1 in gastrointestinal cancer and its clinical relevance

Muqing Zhou; Zhiming Jin; Yiwen Liu; Yiqing He; Yan Du ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 737–743, <https://doi.org/10.1093/abbs/gmx060>

LAB NOTE

A novel telomerase-interacting OTU protein of *Eimeria tenella* and its telomerase-regulating activity

Pu Wang; Weirong Wang; Ju Yang; Yongxing Ai; Pengtao Gong ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 744–745, <https://doi.org/10.1093/abbs/gmx057>

NEW PHENOMENON

Ginseng saponin Rb1 enhances hematopoietic function and dendritic cells differentiation

Li Zhang; Hui Feng; Yibo He; Jinfang Zhao; Yimin Chen ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 746–749, <https://doi.org/10.1093/abbs/gmx062>

RESEARCH HIGHLIGHT

Prohibitin 2/PHB2 in Parkin-mediated mitophagy: a potential therapeutic target for mitochondrial diseases

Lu He; Hong Zhou; Hong Liu; Hongtao Qu

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 8, 1 August 2017, Pages 750–751, <https://doi.org/10.1093/abbs/gmx058>