

## REVIEW

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### **Role of citrullination modification catalyzed by peptidylarginine deiminase 4 in gene transcriptional regulation**

Qiaoli Zhai; Lianqing Wang; Peiqing Zhao; Tao Li

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 567–572, <https://doi.org/10.1093/abbs/gmx042>

## ORIGINAL ARTICLES

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### **Lithium and an EPAC-specific inhibitor ESI-09 synergistically suppress pancreatic cancer cell proliferation and survival**

Xinshuo Wang; Cheng Luo; Xiaodong Cheng; Meiling Lu

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 573–580, <https://doi.org/10.1093/abbs/gmx045>

### **Oxaliplatin inhibits proliferation and migration of human hepatocellular carcinoma cells via GAS7C and the N-WASP/FAK/F-actin pathway**

Dan Li; Bin Zhang; Chao Hu

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 581–587, <https://doi.org/10.1093/abbs/gmx046>

### **LncRNA TUG1 influences papillary thyroid cancer cell proliferation, migration and EMT formation through targeting miR-145**

Hongwei Lei; Yan Gao; Xiaoying Xu

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 588–597, <https://doi.org/10.1093/abbs/gmx047>

### **$\alpha$ -Asarone suppresses the proliferation and migration of ASMCs through targeting the lncRNA-PVT1/miR-203a/E2F3 signal pathway in RSV-infected rats**

Xiao Yu; Zhe Zhe; Binqing Tang; Shaobin Li; Ling Tang ...

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 598–608, <https://doi.org/10.1093/abbs/gmx048>

### **Adrenomedullin promotes the odontogenic differentiation of dental pulp stem cells through CREB/BMP2 signaling pathway**

Qiang Zhu; Jianyong Gao; Gang Tian; Zhen Tang; Yinghui Tan

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 609–616, <https://doi.org/10.1093/abbs/gmx053>

## **NMR-based metabolomic analysis for the effects of creatine supplementation on mouse myoblast cell line C2C12**

Wenqi Xu; Donghai Lin; Caihua Huang

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 617–627, <https://doi.org/10.1093/abbs/gmx043>

## **miR-146a-5p acts as a negative regulator of TGF- $\beta$ signaling in skeletal muscle after acute contusion**

Yaying Sun; Yan Li; Hui Wang; Hongyun Li; Shaohua Liu ...

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 628–634, <https://doi.org/10.1093/abbs/gmx052>

## **miR-290 contributes to the low abundance of cyclin D1 protein in mouse embryonic stem cells**

Zizhen Gong; Detao Wang; Shaoliang Zhu; Yuqing Xia; Chunsun Fan ...

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 635–642, <https://doi.org/10.1093/abbs/gmx049>

## **The histone acetylation mediated by Gcn5 regulates the *Hoxc11* gene expression in MEFs**

Ji Hoon Oh; Ji-Yeon Lee; Kyoung-Ah Kong; Jie Min Kim; Myoung Hee Kim

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 643–648, <https://doi.org/10.1093/abbs/gmx051>

### **LAB NOTE**

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## **Generation and characterization of monoclonal antibodies against the NS1 protein of H17N10 bat influenza virus**

Junna Gao; Kaidi Xu; Haiwei Sun; Qinfang Liu; Jianmei Yang ...

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 649–651, <https://doi.org/10.1093/abbs/gmx044>

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**Reduction of RNA-dependent RNA polymerase 6 in *Nicotiana benthamiana* enhances gene silencing induced by *Foxtail mosaic virus***

Fanguang Chang; Zhouhang Gu; Pin Zhu; Ran Lu; Zhiyou Du ...

*Acta Biochimica et Biophysica Sinica*, Volume 49, Issue 7, 1 July 2017, Pages 652–654, <https://doi.org/10.1093/abbs/gmx050>