

ORIGINAL ARTICLES

Polyphyllin I induces G2/M phase arrest and apoptosis in U251 human glioma cells via mitochondrial dysfunction and the JNK signaling pathway

[Jiaxin Liu](#); [Yueting Zhang](#); [Li Chen](#); [Fei Yu](#); [Xiaojin Li](#) ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 6, 1 June 2017, Pages 479–486, <https://doi.org/10.1093/abbs/gmx033>

[Abstract](#) [View article](#)

Toll-like receptor 5 agonist CBLB502 induces radioprotective effects *in vitro*

[Tong Shi](#); [Liqin Li](#); [Guochao Zhou](#); [Chen Wang](#); [Xuejun Chen](#) ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 6, 1 June 2017, Pages 487–495, <https://doi.org/10.1093/abbs/gmx034>

[Abstract](#) [View article](#)

Checkpoint-dependent phosphorylation of Med1/TRAP220 in response to DNA damage

[Hyun-Ju Kim](#); [Jeanho Yun](#)

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 6, 1 June 2017, Pages 496–502, <https://doi.org/10.1093/abbs/gmx036>

[Abstract](#) [View article](#) [Supplementary data](#)

Long non-coding RNA *CCAT1*/miR-148a axis promotes osteosarcoma proliferation and migration through regulating *PIK3IP1*

[Jingwei Zhao](#); [Liming Cheng](#)

Acta Biochimica et Biophysica Sinica, Volume 49,
Issue 6, 1 June 2017, Pages 503–
512, <https://doi.org/10.1093/abbs/gmx041>

[Abstract](#) [View article](#)

A camel anti-lysozyme CDR3 only domain
antibody selected from phage display VHH
library acts as potent lysozyme inhibitor

[Lingling Qiu](#); [Yaning Feng](#); [Xiaoling Ma](#); [Jiangwei Li](#)

Acta Biochimica et Biophysica Sinica, Volume 49,
Issue 6, 1 June 2017, Pages 513–
519, <https://doi.org/10.1093/abbs/gmx037>

[Abstract](#) [View article](#) [Supplementary data](#)

miR-153 enhances the therapeutic effect of
gemcitabine by targeting Snail in pancreatic
cancer

[Feng Liu](#); [Bin Liu](#); [Jianmin Qian](#); [Gang Wu](#); [Jiawei Li](#) ...

Acta Biochimica et Biophysica Sinica, Volume 49,
Issue 6, 1 June 2017, Pages 520–
529, <https://doi.org/10.1093/abbs/gmx039>

[Abstract](#) [View article](#)

Apelin-13 inhibits lipoprotein lipase expression
via the APJ/PKC α /miR-361-5p signaling
pathway in THP-1 macrophage-derived foam
cells

[Xin Zhang](#); [Qiong Ye](#); [Duo Gong](#); [Yuan Lv](#); [Haipeng Cheng](#) ...

Acta Biochimica et Biophysica Sinica, Volume 49,
Issue 6, 1 June 2017, Pages 530–
540, <https://doi.org/10.1093/abbs/gmx038>

[Abstract](#) [View article](#)

CXCL16 deficiency attenuates acetaminophen-induced hepatotoxicity through decreasing hepatic oxidative stress and inflammation in mice

[Hong Wang](#); [Yihui Shao](#); [Saisai Zhang](#); [Anqi Xie](#); [Yanna Ye](#) ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 6, 1 June 2017, Pages 541–549, <https://doi.org/10.1093/abbs/gmx040>

[Abstract](#) [View article](#)

SHORT COMMUNICATION

Identification and functional analyses of novel antioxidant peptides and antimicrobial peptides from skin secretions of four East Asian frog species

[Xiao Wang](#); [Shuguang Ren](#); [Chao Guo](#); [Weiqi Zhang](#); [Xiaoli Zhang](#) ...

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 6, 1 June 2017, Pages 550–559, <https://doi.org/10.1093/abbs/gmx032>

[Abstract](#) [View article](#)

LAB NOTES

Elevated serum interleukin-5 levels in severe chronic obstructive pulmonary disease

[Jennifer Perret](#); [Christine McDonald](#); [Vasso Apostolopoulos](#)

Acta Biochimica et Biophysica Sinica, Volume 49, Issue 6, 1 June 2017, Pages 560–563, <https://doi.org/10.1093/abbs/gmx030>

[Extract](#) [View article](#)

Identification of a linear IgE inducing epitope on
the SmATPDase1 surface

[Nayara Braga Emídio](#); [Michelia Antonia do
Nascimento Gusmão](#); [William Castro Borges](#); [Clovis
Ryuichi Nakaie](#); [Eveline Gomes Vasconcelos](#) ...

Acta Biochimica et Biophysica Sinica, Volume 49,
Issue 6, 1 June 2017, Pages 564–
566, <https://doi.org/10.1093/abbs/gmx031>

[Extract](#) [View article](#) [Supplementary data](#)