

2018 APS Outstanding Contribution Awards

APS (*Acta Pharmacologica Sinica*), published monthly in English, is an international peer-reviewed journal. With the leading by Professor [Jian Ding](#), Editor-in-Chief, and the support from a respected global [editorial board](#), APS is continuously growing to a high-level journal in the area of pharmacology and related life sciences. We owe all the journal progress to our authors, reviewers, and guest editors. To acknowledge their fine contributions to the journal, we set awards to outstanding papers, reviewers, and guest editors.

APS Outstanding Paper Award

[Berberine protects rat heart from ischemia/reperfusion injury via activating JAK2/STAT3 signaling and attenuating endoplasmic reticulum stress](#)

Zhao, Guo-long ; Yu, Li-ming ; Gao, Wen-li ; Duan, Wei-xun; Jiang, Bo; Liu, Xu-dong;
Zhang, Bin; Liu, Zhen-hua; Zhai, Meng-en; Jin, Zhen-xiao; Yu, Shi-qiang; Wang, Yun
[Acta Pharmacol Sin.](#) 2016 Mar;37(3):354-67. doi: 10.1038/aps.2015.136. Epub 2016 Jan 25.

[Novel CHOP activator LGH00168 induces necroptosis in A549 human lung cancer cells via ROS-mediated ER stress and NF- \$\kappa\$ B inhibition](#)

Ma, Yi-ming; Peng, Yan-min; Zhu, Qiong-hua; Gao, An-hui; Chao, Bo; He, Qiao-jun; Li, Jia; Hu,
You-hong; Zhou, Yu-bo
[Acta Pharmacol Sin.](#) 2016 Sep;37(10):1381-1390. doi: 10.1038/aps.2016.61. Epub 2016 Jun 6.

[Autophagy activation prevents sevoflurane-induced neurotoxicity in H4 human neuroglioma cells](#)

Zhou, You-fa; Wang, Qing-xia; Zhou, Hai-yan; Chen, Gang
[Acta Pharmacol Sin.](#) 2016 May;37(5):580-8. doi: 10.1038/aps.2016.6. Epub 2016 Apr 4.

[Platycodin D induces apoptosis and triggers ERK- and JNK-mediated autophagy in human hepatocellular carcinoma BEL-7402 cells](#)

Li, Ting; Xu, Xiao-huang; Tang, Zheng-hai; Wang, Ya-fang; Leung, Chung-hang; Ma, Dik-lung;
Chen, Xiu-ping; Wang, Yi-tao; Chen, Yi; Lu, Jin-jian
[Acta Pharmacol Sin.](#) 2015 Dec;36(12):1503-13. doi: 10.1038/aps.2015.99. Epub 2015 Nov 23.

[Minocycline attenuates bone cancer pain in rats by inhibiting NF-kappa B in spinal astrocytes](#)

Song, Zhen-peng; Xiong, Bing-rui; Guan, Xue-hai; Cao, Fei; Manyande, Anne; Zhou, Ya-qun;
Zheng, Hua; Tian, Yu-ke
[Acta Pharmacol Sin.](#) 2016 Jun;37(6):753-62. doi: 10.1038/aps.2016.1. Epub 2016 May 9.

[Oral delivery of capsaicin using MPEG-PCL nanoparticles](#)

Peng, Wei; Jiang, Xin-yi; Zhu, Yuan; Omari-Siaw, E.; Deng, Wen-wen; Yu, Jiang-nan; Xu,
Xi-ming; Zhang, Wei-ming
[Acta Pharmacol Sin.](#) 2015 Jan;36(1):139-48. doi: 10.1038/aps.2014.113. Epub 2014 Dec 1.

[IL-37b gene transfer enhances the therapeutic efficacy of mesenchymal stromal cells in DSS-induced colitis mice](#)

Wang, Wei-qiang; Dong, Kui; Zhou, Lu; Jiao, Guo-hui; Zhu, Cong-zhong; Li, Wen-wen; Yu, Gang; Wu, Wan-tong; Chen, Song; Sun, Zhi-na; Wang, Yu-ming; Liu, Wen-tian; Zhang, Jie; Wang, Bang-mao; Feng, Xiao-ming

[Acta Pharmacol Sin.](#) 2015 Nov;36(11):1377-87. doi: 10.1038/aps.2015.51. Epub 2015 Jul 20.

[ROS activates JNK-mediated autophagy to counteract apoptosis in mouse mesenchymal stem cells in vitro](#)

Liu, Guan-yu; Jiang, Xiao-xue; Zhu, Xin; He, Wei-yang; Kuang, You-lin; Ren, Ke; Lin, Yong; Gou, Xin

[Acta Pharmacol Sin.](#) 2015 Dec;36(12):1473-9. doi: 10.1038/aps.2015.101. Epub 2015 Nov 23.

[Sitagliptin protects rat kidneys from acute ischemia-reperfusion injury via upregulation of GLP-1 and GLP-1 receptors](#)

Chang, Meng-wei; Chen, Chih-hung; Chen, Yi-ching; Wu, Ying-chun; Zhen, Yen-yi; Leu, Steve; Tsai, Tzu-hsien; Ko, Sheung-fat; Sung, Pei-hsun; Yang, Chih-chau; Chiang, Hsin-ju; Chang, Hsueh-wen; Chen, Yen-ta; Yip, Hon-kan

[Acta Pharmacol Sin.](#) 2015 Jan;36(1):119-30. doi: 10.1038/aps.2014.98. Epub 2014 Dec 15.

[Sirolimus induces apoptosis and reverses multidrug resistance in human osteosarcoma cells in vitro via increasing microRNA-34b expression](#)

Zhou, Yan; Zhao, Rui-hua; Tseng, Kuo-Fu; Li, Kun-peng; Lu, Zhi-gang; Liu, Yuan; Han, Kun; Gan, Zhi-hua; Lin, Shu-chen; Hu, Hai-yan; Min, Da-liu

[Acta Pharmacol Sin.](#) 2016 Apr;37(4):519-29. doi: 10.1038/aps.2015.153. Epub 2016 Feb 29.

[Toll-like receptors: potential targets for lupus treatment](#)

Wu, Yan-wei; Tang, Wei; Zuo, Jian-ping

[Acta Pharmacol Sin.](#) 2015 Dec;36(12):1395-407. doi: 10.1038/aps.2015.91. Epub 2015 Nov 23.

[PI3K isoform-selective inhibitors: next-generation targeted cancer therapies](#)

Wang, Xiang; Ding, Jian; Meng, Ling-hua

[Acta Pharmacol Sin.](#) 2015 Oct;36(10):1170-6. doi: 10.1038/aps.2015.71. Epub 2015 Sep 14.

[Intra-tumor heterogeneity of cancer cells and its implications for cancer treatment](#)

Sun, Xiao-xiao; Yu, Qiang

[Acta Pharmacol Sin.](#) 2015 Oct;36(10):1219-27. doi: 10.1038/aps.2015.92. Epub 2015 Sep 21.

[Farnesoid X receptor: a master regulator of hepatic triglyceride and glucose homeostasis](#)

Jiao, Yang; Lu, Yan; Li, Xiao-ying

[Acta Pharmacol Sin.](#) 2015 Jan;36(1):44-50. doi: 10.1038/aps.2014.116. Epub 2014 Dec 15.

[The multiple universes of estrogen-related receptor alpha and gamma in metabolic control and related diseases](#)

Audet-Walsh, Etienne; Giguere, Vincent

[Acta Pharmacol Sin.](#) 2015 Jan;36(1):51-61. doi: 10.1038/aps.2014.121. Epub 2014 Dec 15.

[The roles of macrophage autophagy in atherosclerosis](#)

Shao, Bo-zong; Han, Bin-ze; Zeng, Yan-xia; Su, Ding-feng; Liu, Chong

[Acta Pharmacol Sin.](#) 2016 Feb;37(2):150-6. doi: 10.1038/aps.2015.87. Epub 2016 Jan 11.

[Progress and challenges in the use of latent HIV-1 reactivating agents](#)

Shang, Hong-tao; Ding, Ji-wei; Yu, Shu-ying; Wu, Tao; Zhang, Qiu-li; Liang, Fu-jun

[Acta Pharmacol Sin.](#) 2015 Aug;36(8):908-16. doi: 10.1038/aps.2015.22. Epub 2015 Jun 1.

[Endoplasmic reticulum stress: a novel mechanism and therapeutic target for cardiovascular diseases](#)

Liu, Mei-qing; Chen, Zhe; Chen, Lin-xi

[Acta Pharmacol Sin.](#) 2016 Apr;37(4):425-43. doi: 10.1038/aps.2015.145. Epub 2016 Feb 1.

[Novel endogenous angiogenesis inhibitors and their therapeutic potential](#)

Rao, Nithya; Lee, Yu Fei; Ge, Ruowen

[Acta Pharmacol Sin.](#) 2015 Oct;36(10):1177-90. doi: 10.1038/aps.2015.73. Epub 2015 Sep 14.

[High throughput screening technologies for ion channels](#)

Yu, Hai-bo; Li, Min; Wang, Wei-ping; Wang, Xiao-liang

[Acta Pharmacol Sin.](#) 2016 Jan;37(1):34-43. doi: 10.1038/aps.2015.108. Epub 2015 Dec 14.

APS Outstanding Reviewer Award

Zhu, Hua	Wang, Feng-Sheng	Yang, Bo	Wei, Wei
Xi, Yaguang	Zuo, Jian-ping	Sun, Sheng	Xie, Xin
Yang, Baoxue	Lu, Jin-Jian	Qi, Qi	Aa, Ji-ye
Xu, Jian	Bao, Yu-qian	Hu, Keli	Zhang, Zhi-rong
Zhang, Chun	Liu, Cheng-hai	Chen, Yi	Zhang, Zhen-lin

APS Outstanding Guest Editor Award

Vol. 39, No. 4, Exosomes:	Chen, Yanfang; Tang, Yaoliang; Fang, Guo-Chang; Duan, Dayue Darrel
Vol. 39, No. 5, Frontier in Medical Research and Drug Development:	Feng, Zhong-ping; Sun, Hong-shuo
Vol. 39, No. 6, Fangjiomics:	Duan, Dayue Darrel ; Wang, Zhong; Wang, Yong-yan
Vol. 39, No. 7, Circulating Biomarkers for Cardiovascular Diseases:	Xi, Lei; Kouvelos, George; Paolucci, Nazareno