

<b>Research Highlight</b>	1887	Mitochondrial Clk1-iron-DAT regulation pathway: a possible new therapeutic target for methamphetamine use disorder Briana Hempel, Zheng-Xiong Xi
<b>Review Article</b>	1889	Reduced nicotinamide adenine dinucleotide phosphate in redox balance and diseases: a friend or foe? Nirmala Koju, Zheng-hong Qin, Rui Sheng
	1905	Ferroptosis in viral infection: the unexplored possibility Mao-peng Wang, Banda Joshua, Ning-yi Jin, Shou-wen Du, Chang Li
<b>Article Neuropharmacology</b>	1916	PINK1 overexpression prevents forskolin-induced tau hyperphosphorylation and oxidative stress in a rat model of Alzheimer's disease Xiao-juan Wang, Lin Qi, Ya-fang Cheng, Xue-fei Ji, Tian-yan Chi, Peng Liu, Li-bo Zou
	1928	Differential modulation of subthalamic projection neurons by short-term and long-term electrical stimulation in physiological and parkinsonian conditions Cheng Xiao, Ya-wei Ji, Yi-wen Luan, Tao Jia, Cui Yin, Chun-yi Zhou
	1940	Sortilin deletion in the prefrontal cortex and hippocampus ameliorates depressive-like behaviors in mice via regulating ASM/ceramide signaling Shu-jian Chen, Cong-cong Gao, Qun-yu Lv, Meng-qi Zhao, Xiao-ying Qin, Hong Liao
	1955	Cinnamaldehyde prevents intergenerational effect of paternal depression in mice via regulating GR/miR-190b/BDNF pathway Zhi-ying Gao, Tian-yu Chen, Ting-ting Yu, Li-ping Zhang, Si-jie Zhao, Xiao-yang Gu, Ying Pan, Ling-dong Kong
<b>Cardiovascular Pharmacology</b>	1970	Connexin 43 hyper-phosphorylation at serine 282 triggers apoptosis in rat cardiomyocytes via activation of mitochondrial apoptotic pathway Zhi-ping Fu, Lu-lin Wu, Jing-yi Xue, Lan-e Zhang, Chen Li, Hong-jie You, Da-li Luo
	1979	S-nitrosylation of Hsp90 promotes cardiac hypertrophy in mice through GSK3 $\beta$ signaling Shuang Zhao, Tian-yu Song, Zi-yu Wang, Jie Gao, Jia-wei Cao, Lu-lu Hu, Zheng-rong Huang, Li-ping Xie, Yong Ji
	1989	Lupeol protects against cardiac hypertrophy via TLR4-PI3K-Akt-NF- $\kappa$ B pathways Dan Li, Ying-ying Guo, Xian-feng Cen, Hong-liang Qiu, Si Chen, Xiao-feng Zeng, Qian Zeng, Man Xu, Qi-zhu Tang
	2003	Aminoacylase-1 plays a key role in myocardial fibrosis and the therapeutic effects of 20(S)-ginsenoside Rg3 in mouse heart failure Qiong Lai, Fu-ming Liu, Wang-lin Rao, Guang-ying Yuan, Zhao-yang Fan, Lu Zhang, Fei Fu, Jun-ping Kou, Bo-yang Yu, Fang Li
<b>Hepatic, Gastrointestinal, Pulmonary and Renal Pharmacology</b>	2016	Sapidolide A alleviates acetaminophen-induced acute liver injury by inhibiting NLRP3 inflammasome activation in macrophages Jin-cheng Wang, Qi Shi, Qian Zhou, Lu-lu Zhang, Yue-ping Qiu, Da-yong Lou, Li-qin Zhou, Bo Yang, Qiao-jun He, Qin-jie Weng, Jia-jia Wang
	2026	Tetramethylpyrazine prevents liver fibrotic injury in mice by targeting hepatocyte-derived and mitochondrial DNA-enriched extracellular vesicles Ya-jing Li, Run-ping Liu, Ming-ning Ding, Qi Zheng, Jian-zhi Wu, Xiao-yong Xue, Yi-qing Gu, Bo-ning Ma, Ya-jie Cai, Shuo Li, Sheng Lin, Lu-yong Zhang, Xiaojiaoyang Li
	2042	GPR84 signaling promotes intestinal mucosal inflammation via enhancing NLRP3 inflammasome activation in macrophages <b>Open</b> Qing Zhang, Lin-hai Chen, Hui Yang, You-chen Fang, Si-wei Wang, Min Wang, Qian-ting Yuan, Wei Wu, Yang-ming Zhang, Zhan-ju Liu, Fa-jun Nan, Xin Xie
	2055	STING inhibitor ameliorates LPS-induced ALI by preventing vascular endothelial cells-mediated immune cells chemotaxis and adhesion Bing Wu, Meng-meng Xu, Chen Fan, Chun-lan Feng, Qiu-kai Lu, Hui-min Lu, Cai-gui Xiang, Fang Bai, Hao-yu Wang, Yan-wei Wu, Wei Tang
	2067	Selective EZH2 inhibitor zld1039 alleviates inflammation in cisplatin-induced acute kidney injury partially by enhancing RKIP and suppressing NF- $\kappa$ B p65 pathway Li Wen, Shao-hua Tao, Fan Guo, Ling-zhi Li, Hong-liu Yang, Yan Liang, Li-dan Zhang, Liang Ma, Ping Fu
	2081	NFAT inhibitor 11R-VIVIT ameliorates mouse renal fibrosis after ischemia-reperfusion-induced acute kidney injury <b>Open</b> Zhi-yong Xie, Wei Dong, Li Zhang, Meng-jie Wang, Zhen-meng Xiao, Yu-hua Zhang, Wan-xin Shi, Ying Huang, Yan Yang, Cui-li Li, Lei Fu, Xing-chen Zhao, Rui-zhao Li, Zhi-lian Li, Yuan-han Chen, Zhi-ming Ye, Shuang-xin Liu, Zheng Dong, Xin-ling Liang

- Inflammation and Immunopharmacology** 2094 Novel treatment for refractory rheumatoid arthritis with total glucosides of paeony and nobiletin codelivered in a self-nanoemulsifying drug delivery system  
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- Chemotherapy** 2109 Transcriptional regulator CTR9 promotes hepatocellular carcinoma progression and metastasis via increasing PEG10 transcriptional activity  
Bin Zhang, Zhi-yi Liu, Rui Wu, Cheng-ming Zhang, Kuan Cao, Wen-gang Shan, Zhen Liu, Ming Ji, Zi-lu Tian, Gautam Sethi, Heng-liang Shi, Ren-hao Wang
- 2119 FK228 potentiates topotecan activity against small cell lung cancer cells via induction of SLFN11  
Yan-ping Yin, Li-ying Ma, Guo-zhen Cao, Jing-han Hua, Xiao-tong Lv, Wen-chu Lin
- 2128 Pharmacological characterization of a novel metal-based proteasome inhibitor Na-AuPT for cancer treatment  
Da-cai Xu, Li Yang, Pei-quan Zhang, Ding Yan, Qian Xue, Qing-tian Huang, Xiao-fen Li, Ya-li Hao, Dao-lin Tang, Q. Ping Dou, Xin Chen, Jin-bao Liu
- Drug Discovery** 2139 Natural product-based screening led to the discovery of a novel PXR agonist with anti-cholestasis activity  
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- Molecular and Cellular Pharmacology** 2147 Distal mutation V486M disrupts the catalytic activity of DPP4 by affecting the flap of the propeller domain  
Teng-teng Li, Cheng Peng, Ji-qiu Wang, Zhi-jian Xu, Ming-bo Su, Jia Li, Wei-liang Zhu, Jing-ya Li
- 2156 Silibinin relieves UVB-induced apoptosis of human skin cells by inhibiting the YAP-p73 pathway  
Wei-wei Liu, Fang Wang, Can Li, Xiao-yu Song, Wuxiyar Otkur, Yu-ying Zhu, Toshihiko Hayashi, Kazunori Mizuno, Shunji Hattori, Hitomi Fujisaki, Takashi Ikejima
- Correspondence** 2168 Fibrinolytic therapy for COVID-19: a review of case series  
Hong-Long Ji, Yuling Dai, Runzhen Zhao
- 2171 Tumor immunity: a novel dimension for PROTACs to conquer cancer?  
Xuan-kun Chen, Wen-bin Zhao, Zhan Zhou, Ji Cao
- Cover** Sapidolide A (SA) treats acetaminophen-induced liver injury (ALI) by inhibiting NLRP3 inflammasome activation in macrophages. Acetaminophen (APAP) causes hepatocyte necrosis, which releases DAMPs and induces NLRP3-inflammasome-mediated macrophage pyroptosis. This leads to the secretion of pro-inflammatory factors, such as IL-1 $\beta$  and IL-18, that further recruits immune cells and aggravates liver inflammation, as well as hepatocyte damage. SA acts as an inhibitor of NF- $\kappa$ B signaling, NLRP3 inflammasome activation, and pyroptosis in macrophages, thereby reducing inflammation and protecting against ALI. See the article in pages 2016–2025.

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