

Review Article	1725	Chemotherapy-induced metastasis: molecular mechanisms and clinical therapies Jin-xuan Su, Si-jia Li, Xiao-feng Zhou, Zhi-jing Zhang, Yu Yan, Song-lin Liu and Qi Qi
Original Article Neuropharmacology	1737	Inflachromene attenuates seizure severity in mouse epilepsy models via inhibiting HMGB translocation Si-jie Dai, Yu-ying Shao, Yang Zheng, Jin-yi Sun, Zhi-sheng Li, Jia-ying Shi, Meng-qi Yan, Xiao-yun Qiu, Ceng-lin Xu, Wan-sang Cho, Masahiro Nishibori, Sihyeong Yi, Seung Bum Park, Yi Wang and Zhong Chen
	1748	DHX9/DNA-tandem repeat-dependent downregulation of <i>ciRNA-Fmn1</i> in the dorsal horn is required for neuropathic pain Xiao-dan Liu, Tong Jin, Yang Tao, Ming Zhang, Hong-li Zheng, Qiao-qiao Liu, Ke-hui Yang, Ru-na Wei, Si-yuan Li, Yue Huang, Zhou-ya Xue, Ling-yun Hao, Qi-hui Wang, Li Yang, Fu-qing Lin, Wen Shen, Yuan-xiang Tao, Hong-jun Wang, Jun-li Cao and Zhi-qiang Pan
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Hepatic and Renal Pharmacology	1801	Single-cell RNA sequencing deciphers the mechanism of sepsis-induced liver injury and the therapeutic effects of artesunate Xue-ling He, Jia-yun Chen, Yu-lin Feng, Ping Song, Yin Kwan Wong, Lu-lin Xie, Chen Wang, Qian Zhang, Yun-meng Bai, Peng Gao, Piao Luo, Qiang Liu, Fu-long Liao, Zhi-jie Li, Yong Jiang and Ji-gang Wang
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	1867	Bergapten inhibits NLRP3 inflammasome activation and pyroptosis via promoting mitophagy Tong Luo, Xin Jia, Wan-di Feng, Jin-yong Wang, Fang Xie, Ling-dong Kong, Xue-jiao Wang, Rui Lian, Xia Liu, Ying-jie Chu, Yao Wang and An-long Xu

Chemotherapy

- 1879 Predictive biomarkers of immunotherapy response with pharmacological applications in solid tumors *Open*
Szonja Anna Kovács, János Tibor Fekete and Balázs Gyórfy
- 1890 COPS6 promotes tumor progression and reduces CD8⁺ T cell infiltration by repressing IL-6 production to facilitate tumor immune evasion in breast cancer
Wen-qi Du, Zhi-man Zhu, Xin Jiang, Meng-jie Kang and Dong-sheng Pei
- 1906 TAX1BP1 contributes to deoxypodophyllotoxin-induced glioma cell parthanatos via inducing nuclear translocation of AIF by activation of mitochondrial respiratory chain complex I *Open*
Xuan-zhong Wang, Shi-peng Liang, Xi Chen, Zhen-chuan Wang, Chen Li, Chun-sheng Feng, Shan Lu, Chuan He, Yu-bo Wang, Guang-fan Chi and Peng-fei Ge
- 1920 Inhibition of USP10 induces myeloma cell apoptosis by promoting cyclin D3 degradation
Yu-jia Xu, Kun Zeng, Ying Ren, Chen-yu Mao, Ying-hui Ye, Xiao-ting Zhu, Zi-ying Sun, Bi-yin Cao, Zu-bin Zhang, Guo-qiang Xu, Zhen-qian Huang and Xin-liang Mao

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- 1932 Ceftazidime exhibits a broad inhibition to the infection of SARS-CoV-2 prototype and Omicron variant in vitro by blocking spike protein-ACE2 interaction
Yun-zhe Zheng, Zhao-yuan Liu, Yue Li, Xiao-ying Lv, Yi Wu, Meng-wen Huang, Xing-chao Pan, Jian-feng Chen and Chang-dong Lin

Cover

Inhibition of NLRP3 inflammasome activation produces potent therapeutic effects in a wide array of inflammatory diseases. The schematic describes that bergapten, a natural organic compound in herbal medicines and fruits, effectively inhibits NLRP3 inflammasome activation, cytokine release, and pyroptosis through maintenance of mitochondrial homeostasis by promoting mitophagy, suggesting its potential role in suppressing the inflammatory response. See the article in pages 1867–1878.

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