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| <b>Review Article</b>                  | 1951 | Natural products: potential treatments for cisplatin-induced nephrotoxicity<br>Chun-yan Fang, Da-yong Lou, Li-qin Zhou, Jin-cheng Wang, Bo Yang, Qiao-jun He, Jia-jia Wang and Qin-jie Weng  |
|  | 1970 | Response prediction biomarkers and drug combinations of PARP inhibitors in prostate cancer<br>Yi-xin Chen, Li-ming Tan, Jian-ping Gong, Ma-sha Huang, Ji-ye Yin, Wei Zhang, Hong-hao Zhou and Zhao-qian Liu  |
|  | 1981 | Virus against virus: strategies for using adenovirus vectors in the treatment of HPV-induced cervical cancer<br>Momeneh Ghanaat, Nasser Hashemi Goradel, Arash Arashkia, Nasim Ebrahimi, Sajjad Ghorghanlu, Ziba Veisi Malekshahi, Esmail Fattahi, Babak Negahdari and Hami Kaboosi                        |
| <b>Article<br/>Neuropharmacology</b>   | 1991 | Roflupram protects against rotenone-induced neurotoxicity and facilitates $\alpha$ -synuclein degradation in Parkinson's disease models<br>Wen-li Dong, Jia-hong Zhong, Yun-qing Chen, Jin-feng Xie, Yun-yun Qin, Jiang-ping Xu, Ning-bo Cai, Meng-fan Li, Lu Liu and Hai-tao Wang                         |
| <b>Cardiovascular<br/>Pharmacology</b> | 2004 | Hypertrophic preconditioning attenuates post-myocardial infarction injury through deacetylation of isocitrate dehydrogenase 2<br>Lei-lei Ma, Fei-juan Kong, Yuan-ji Ma, Jun-jie Guo, Shi-jun Wang, Zheng Dong, Ai-jun Sun, Yun-zeng Zou and Jun-bo Ge  |
|  | 2016 | Lp-PLA2 inhibition prevents Ang II-induced cardiac inflammation and fibrosis by blocking macrophage NLRP3 inflammasome activation<br>Si-lin Lv, Zi-fan Zeng, Wen-qiang Gan, Wei-qi Wang, Tie-gang Li, Yu-fang Hou, Zheng Yan, Ri-xin Zhang and Min Yang  |
|  | 2033 | Caffeine promotes angiogenesis through modulating endothelial mitochondrial dynamics<br>Li-tao Wang, Peng-cheng He, An-qi Li, Kai-xiang Cao, Jing-wei Yan, Shuai Guo, Lei Jiang, Lin Yao, Xiao-yan Dai, Du Feng, Yi-ming Xu and Ning Tan   |
|  | 2046 | MicroRNA-17-3p suppresses NF- $\kappa$ B-mediated endothelial inflammation by targeting NIK and IKK $\beta$ binding protein<br>Yin Cai, Yu Zhang, Hui Chen, Xing-hui Sun, Peng Zhang, Lu Zhang, Meng-yang Liao, Fang Zhang, Zheng-yuan Xia, Ricky Ying-keung Man, Mark W. Feinberg and Susan Wai-Sum Leung |
| <b>Pulmonary<br/>Pharmacology</b>      | 2058 | Roxithromycin attenuates bleomycin-induced pulmonary fibrosis by targeting senescent cells<br>Xuan Zhang, Ying Dong, Wan-chen Li, Bi-xi Tang, Jia Li and Yi Zang   |
|  | 2069 | Ethyl ferulate protects against lipopolysaccharide-induced acute lung injury by activating AMPK/Nrf2 signaling pathway<br>Ya-xian Wu, Ying-ying Wang, Zhi-qi Gao, Dan Chen, Gang Liu, Bin-bin Wan, Feng-juan Jiang, Ming-xia Wei, Jing Zuo, Jun Zhu, Yong-quan Chen, Feng Qian and Qing-feng Pang          |
|  | 2082 | BMSC-derived exosomes ameliorate sulfur mustard-induced acute lung injury by regulating the GPRC5A-YAP axis<br>Guan-chao Mao, Chu-chu Gong, Zhen Wang, Ming-xue Sun, Zhi-peng Pei, Wen-qi Meng, Jin-feng Cen, Xiao-wen He, Ying Lu, Qing-qiang Xu and Kai Xiao   |
| <b>Hepatic<br/>Pharmacology</b>        | 2094 | Aristolochic acid I promoted clonal expansion but did not induce hepatocellular carcinoma in adult rats<br>Yong-zhen Liu, Heng-lei Lu, Xin-ming Qi, Guo-zhen Xing, Xin Wang, Pan Yu, Lu Liu, Fang-fang Yang, Xiao-lan Ding, Ze-an Zhang, Zhong-ping Deng, Li-kun Gong and Jin Ren                          |
| <b>Renal<br/>Pharmacology</b>          | 2106 | FIH-1-modulated HIF-1 $\alpha$ C-TAD promotes acute kidney injury to chronic kidney disease progression via regulating KLF5 signaling<br>Zuo-lin Li, Bin Wang, Lin-li Lv, Tao-tao Tang, Yi Wen, Jing-yuan Cao, Xiao-xiao Zhu, Song-tao Feng, Steven D. Crowley and Bi-cheng Liu                            |

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Communication** 2173 Estrogen-dependent KCa1.1 modulation is essential for retaining neuroexcitation of  
female-specific subpopulation of myelinated Ah-type baroreceptor neurons in rats  
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- Cover** Schematic overview of pharmacokinetics-based identification of pseudoaldosterogenic compounds glycyrrhetic  
acid (8) and 24-hydroxyglycyrrhetic acid (M2<sub>D</sub>). The Gancao constituents glycyrrhizin (1) and licorice saponin  
G2 (2) are metabolically activated by glucuronidase of the colonic microbiota to the pseudoaldosterogenic  
metabolites 8 and M2<sub>D</sub>, respectively, which can access (via passive tubular reabsorption) and inhibit renal  
11β-HSD2. The finding has implications for precisely defining conditions for safe use of the Gancao-containing  
herbal medicine. See the article in pages 2155–2172.

EXECUTIVE EDITOR FOR THIS ISSUE XU, Jia (Shanghai)

**ACTA PHARMACOLOGICA SINICA** (Monthly)

2021 December; Volume 42 Number 12

(Founded in September, 1980)

**Sponsored by**Chinese Pharmacological Society  
Shanghai Institute of Materia Medica, Chinese Academy of Sciences**Supervised by**

China Association for Science and Technology

**Editor-in-chief**

DING, Jian

**Edited by**Editorial Board of Acta Pharmacologica Sinica  
294 Tai-yuan Road, Shanghai 200031, China  
Http://www.chinaphar.com  
E-mail aps@simm.ac.cn or aps@sibs.ac.cn  
Phn 86-21-5492-2821, 5492-2822; Fax 86-21-5492-2823**Published jointly by**Editorial Office of Acta Pharmacologica Sinica  
Springer Nature**Publication date**

5th every month

**Printed by**Shanghai Shengtong Times Printing Co Ltd  
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