Acta Pharmacologica Sinica

Contents

Monthly 2020 February; 41 (2)

Article Neuropharmacology	145	Huperzine A ameliorates obesity-related cognitive performance impairments involving neuronal insulin signaling pathway in mice Hong-ying Wang, Min Wu, Jun-ling Diao, Ji-bin Li, Yu-xiang Sun and Xiao-qiu Xiao
	154	Icariside II inhibits lipopolysaccharide-induced inflammation and amyloid production in rat astrocytes by regulating IKK/IκB/NF-κB/BACE1 signaling pathway Yong Zheng, Yan Deng, Jian-mei Gao, Chun Lv, Ling-hu Lang, Jing-shan Shi, Chang-yin Yu and Qi-hai Gong
	163	Cocaine potently blocks neuronal $\alpha_3\beta_4$ nicotinic acetylcholine receptors in SH-SY5Y cells Ze-gang Ma, Nan Jiang, Yuan-bing Huang, Xiao-kuang Ma, Jason Brek Eaton, Ming Gao, Yong-chang Chang, Ronald J Lukas, Paul Whiteaker, Janet Neisewander and Jie Wu
	173	Isosibiricin inhibits microglial activation by targeting the dopamine D1/D2 receptor-dependent NLRP3/caspase-1 inflammasome pathway Yan-hang Wang, Hai-ning Lv, Qing-hua Cui, Peng-fei Tu, Yong Jiang and Ke-wu Zeng
	181	Bile duct ligation enhances AZT CNS toxicity partly by impairing the expression and function of BCRP in rat brain Yuan-yuan Qin, Ping Xu, Tong Wu, Chao-qun Qian, Yi-lin Fan, Dong-hao Gen, Liang Zhu, Wei-min Kong, Han-yu Yang, Feng Xu, Yi-ting Yang, Li Liu and Xiao-dong Liu
Cardiovascular Pharmacology	192	Residual platelet reactivity is preferred over platelet inhibition rate in monitoring antiplatelet efficacy: insights using thrombelastography Hong-yi Wu, Chi Zhang, Xin Zhao, Ju-ying Qian, Qi-bing Wang and Jun-bo Ge
	198	β -Arrestin 2 mediates arginine vasopressin-induced IL-6 induction via the ERK _{1/2} -NF-κB signal pathway in murine hearts Shu-zhen Sun, Hong Cao, Na Yao, Ling-ling Zhao, Xiao-fang Zhu, Er-an Ni, Qi Zhu and Wei-zhong Zhu
	208	Endophilin A2 regulates calcium-activated chloride channel activity via selective autophagy-mediated TMEM16A degradation Can-zhao Liu, Fei-ya Li, Xiao-fei Lv, Ming-ming Ma, Xiang-yu Li, Cai-xia Lin, Guan-lei Wang and Yong-yuan Guan
	218	ZYZ-803, a novel hydrogen sulfide-nitric oxide conjugated donor, promotes angiogenesis via cross-talk between STAT3 and CaMKII Ying Xiong, Ling-ling Chang, Bahieu Tran, Tao Dai, Rui Zhong, Yi-cheng Mao and Yi-zhun Zhu
Inflammation and Immunopharmacology	229	Artesunate attenuates LPS-induced osteoclastogenesis by suppressing TLR4/TRAF6 and PLCγ1-Ca ²⁺ -NFATc1 signaling pathway Xiang-zhou Zeng, Yue-yang Zhang, Qin Yang, Song Wang, Bin-hua Zou, Yan-hui Tan, Min Zou, Shu-wen Liu and Xiao-juan Li
Chemotherapy	237	Establishment of a mouse model of cancer cachexia with spleen deficiency syndrome and the effects of atractylenolide I Wan-li Zhang, Na Li, Qiang Shen, Men Fan, Xiao-dong Guo, Xiong-wen Zhang, Zhou Zhang and Xuan Liu
	249	LW-213, a newly synthesized flavonoid, induces G2/M phase arrest and apoptosis in chronic myeloid leukemia

Xiao Liu, Po Hu, Hui Li, Xiao-xuan Yu, Xiang-yuan Wang, Ying-jie Qing, Zhan-yu Wang,

Hong-zheng Wang, Meng-yuan Zhu, Qing-long Guo and Hui Hui

Acta Pharmacologica Sinica

Contents

Monthly 2020 February; 41 (2)

260 Antiangiogenesis effect of timosaponin AIII on HUVECs in vitro and zebrafish embryos in

vivo

Zhong-yan Zhou, Wai-rong Zhao, Ying Xiao, Xiang-ming Zhou, Chen Huang, Wen-ting Shi,

Jing Zhang, Qing Ye, Xin-lin Chen and Jing-yi Tang

270 EPHA2 feedback activation limits the response to PDEδ inhibition in KRAS-dependent

cancer cells

Yue-hong Chen, Hao Lv, Ning Shen, Xiao-min Wang, Shuai Tang, Bing Xiong, Jian Ding,

Mei-yu Geng and Min Huang

278 ERK1/2-HNF4α axis is involved in epigallocatechin-3-gallate inhibition of HBV replication

Zi-yu Wang, Yu-qi Li, Zhi-wei Guo, Xing-hao Zhou, Mu-dan Lu, Tong-chun Xue and Bo Gao

Drug Discovery 286 Discovery of novel CBP bromodomain inhibitors through TR-FRET-based high-throughput

creening

Feng-cai Zhang, Zhong-ya Sun, Li-ping Liao, Yu Zuo, Dan Zhang, Jun Wang, Yan-tao Chen, Sen-hao Xiao, Hao Jiang, Tian Lu, Pan Xu, Li-yan Yue, Dao-hai Du, Hao Zhang,

Chuan-peng Liu and Cheng Luo

Cover: A schema for the anti-neuroinflammation effect of isosibiricin, a natural coumarin compound from medicinal plant *Murraya exotica*. Isosibiricin inhibits microglia-mediated neuroinflammation

from medicinal plant *Murraya exotica*. Isosibiricin inhibits microglia-mediated neuroinflammation by selectively targeting dopamine D1/2 receptor-dependent NLRP3/caspase-1 inflammasome

pathway. See the article in pages 173-180.

EXECUTIVE EDITOR FOR THIS ISSUE XU, Jia (Shanghai)

ACTA PHARMACOLOGICA SINICA (Monthly)

2020 February; Volume 41 Number 2 (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

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, 268 Jin-shui Road, Shanghai 201506, China

《中国药理学报》编辑部出版 国内外公开发行 国内统一连续出版物号 CN 31-1347/R 国内邮发代号 4-295 国内每期 100.00 元









ISSN 1671-4083

