Acta Pharmacologica Sinica

Contents

Monthly 2026 November; 47 (11)

Editorial

3099 Anticancer drug discovery: Embracing the next wave of Innovation Ⓢ
Min Huang, Mei-yu Geng and Jian Ding

Review Article

3102 Dendritic cell diversity and dysfunction in cancer: implications for immunotherapy and therapeutic targeting Ⓢ
Rong Wang, Yi Chen and Yan-fen Fang

3119 The vascular niche: an orchestrator of the spatiotemporal dynamics of distant metastasis Ⓢ
Qun Miao, Rong Chen, Dong-mei Zhang, Jun-qiu Zhang and Min-feng Chen

3135 Solute carrier transporters as metabolic gatekeepers in tumor microenvironment crosstalk Ⓢ
Zi-han Zhang, Zi-yi Ding, Luo-yi Chen, Yi-xian Fu and Min Huang

3151 Gut microbiota modulation of gastrointestinal cancers: from dysbiosis signatures to therapeutic interventions Ⓢ
Xin-yu Li, Zuo-quan Xie and Mei-yu Geng

3167 Opportunities and challenges in the development of evolving EGFR inhibitors to overcome EGFR TKIs resistance Ⓢ
Yi Chen, Qiu-pei Liu, Si-jie Yang, Jian Ding, Xiao-yun Lu and Hua Xie

3190 Epigenetic plasticity in cancer drug resistance: mechanistic insights and strategies for therapeutic intervention Ⓢ
Wei Zhao and Jing-xuan Pan

3206 Cell death pathways and targeting therapeutics in cancer therapy Ⓢ
Bo Zhan, Hai-liang Zhang, Ying Xiao, Wen-qing Zhong, Yi-qing Guo, Jia-lu Shan, Jia-hong Tang, Xiao-feng Zhu and Rong Deng

3223 Pharmacological targeting of oncogenic condensates in cancer: mechanistic insights and therapeutic opportunities Ⓢ
Qin-kai Zhang, Ji-zhao Cao and Wei Zhao

3244 Molecular mechanisms for sustaining cancer stem cells characteristics and targeted therapeutic strategies Ⓢ
Chen-xi Zhao, Shu-yun Wang and Ke Li

3261 Targeted protein degradation: bridging chemical biology and clinical translation Ⓢ
Yu-bo Zhang, Jun-wei Fu, Yue Liu, Rui-lin Wu, Yan-ting Liang, Wen-han Zhang, Tao Yuan, Hong Zhu, Qiao-jun He and Bo Yang

3281 Evolution of KRAS molecular glues: from allele-selective to Pan-RAS and protein–protein interaction modulators Ⓢ
Xuan-zheng Xiao, Yun-jie Wang, Xiu-feng Pang and Ao Zhang

3295 Transcription factor targeting strategies in cancer: mechanisms, challenges and cutting-edge progress *Open* Ⓢ
Hui Chen, Rong Fu and Zhao-qiu Wu

Acta Pharmacologica Sinica

Contents

Monthly 2026 November; 47 (11)

3312 Recent advances in function-enhanced antibody-drug conjugates: Antibody optimization and payload combination Ⓢ
Xin-tong Liu, Feng Tang and Wei Huang

3329 Therapeutic cancer vaccines: development, challenges, and future perspectives Ⓢ
Di Di, Luan-feng Li, Tian-yang He, Hong-xia Cui, Yue Nian, Xue Jiao, Cui-yan Han and Min-jie Wei

3347 Advances in targeted therapies for pediatric tumors Ⓢ
Jia-yi Liu, Dong-liang Yang, Hai-yan Liu, Sen-feng Xiang, Ji Cao, Bo Yang, Qiao-jun He, Jin-hu Wang, Xue-jing Shao and Mei-dan Ying

Cover

Antibody-drug conjugates (ADCs) have emerged as transformative targeted therapeutics. However, tumor heterogeneity and acquired drug resistance challenge ADCs' clinical success. Converging design strategies are reshaping the next wave of ADC innovation, including synergistic target effects, enhanced receptor engagement and lysosomal trafficking, proximity-enabled covalent coupling, and payload combinations. See the article in pages 3312–3328.

EXECUTIVE EDITOR FOR THIS ISSUE ZHU, Qian-rong (Shanghai)

ACTA PHARMACOLOGICA SINICA (Monthly)
2026 November; Volume 47 Number 11
(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
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
568 Guang-ye Road, Shanghai 201506, China

Copyright © 2026 Shanghai Institute of Materia Medica, Chinese Academy of Sciences and Chinese Pharmacological Society

《中国药理学报(英文)》编辑部出版
国内统一连续出版物号
CN 31-1347/R

国内外公开发行
国内邮发代号 4-295
国内每期 200.00 元