

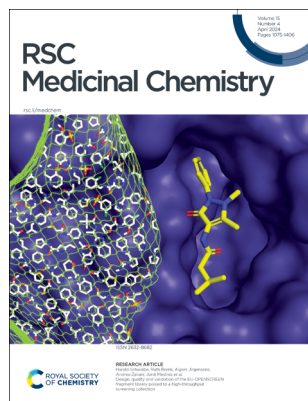
RSC Medicinal Chemistry

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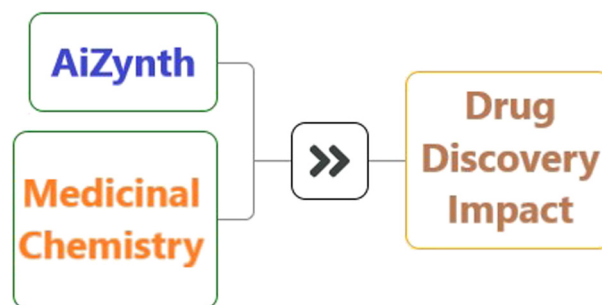
See Harald Schwalbe, Ruth Brenk, Aigars Jirgensons, Andrea Zaliani, Jordi Mestres *et al.*, pp. 1176-1188. Front cover image concept by Jordi Mestres, image created by Xavier Jalencas, artwork designed by Enric Cano and reproduced by permission of Jordi Mestres from *RSC Med. Chem.*, 2024, 15, 1176.

OPINION

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AiZynth impact on medicinal chemistry practice at AstraZeneca

Jason D. Shields,* Rachel Howells, Gillian Lamont, Yin Leilei, Andrew Madin, Christopher E. Reimann, Hadi Rezaei, Tristan Reuillon, Bryony Smith, Clare Thomson, Yuting Zheng and Robert E. Ziegler

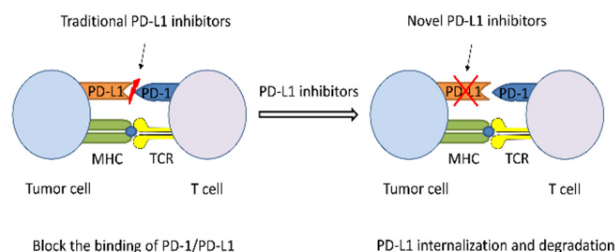


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Beyond inhibition against the PD-1/PD-L1 pathway: development of PD-L1 inhibitors targeting internalization and degradation of PD-L1

Jiazheng Guo, Fengyi Yu, Kuojun Zhang, Sheng Jiang,* Xiangyu Zhang* and Tianyu Wang*



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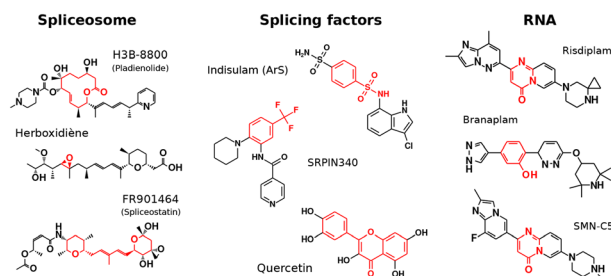


REVIEWS

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Small molecules modulating RNA splicing: a review of targets and future perspectives

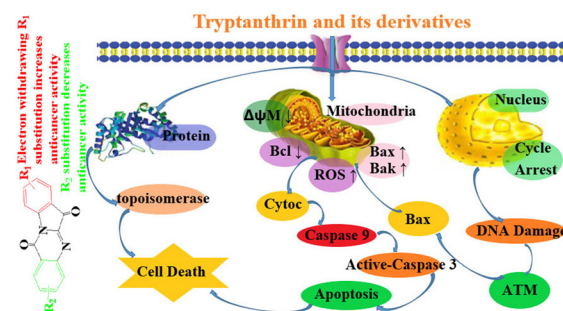
Léa Bouton, Agathe Ecoutin, Florian Malard* and Sébastien Campagne*



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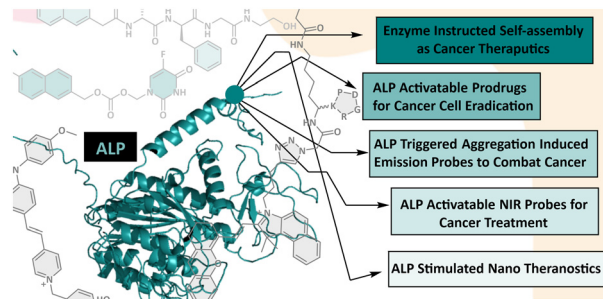
Xiaofeng Zhou



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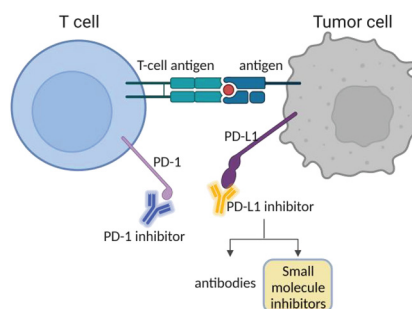
Kartikay Tyagi and V. Venkatesh*



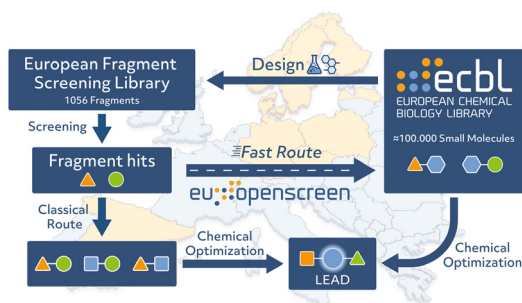
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Progress in small-molecule inhibitors targeting PD-L1

Jindan Xu, Yuanfang Kong, Pengbo Zhu, Mingyan Du, Xuan Liang, Yan Tong,* Xiaofei Li* and Chunhong Dong*



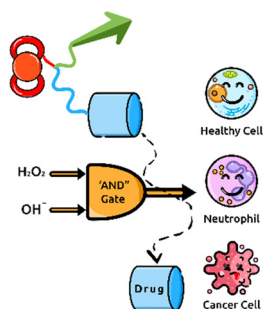
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Design, quality and validation of the EU-OPENSREEN fragment library poised to a high-throughput screening collection

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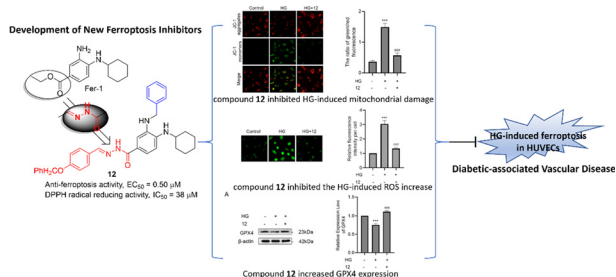
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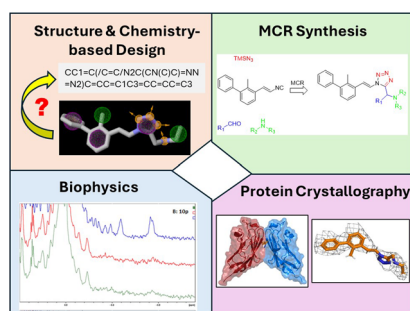
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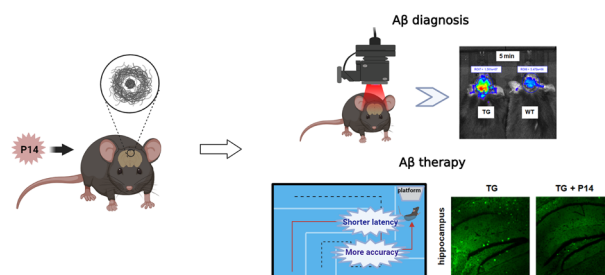


RESEARCH ARTICLES

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A novel BODIPY-based theranostic agent for *in vivo* fluorescence imaging of cerebral A β and ameliorating A β -associated disorders in Alzheimer's disease transgenic mice

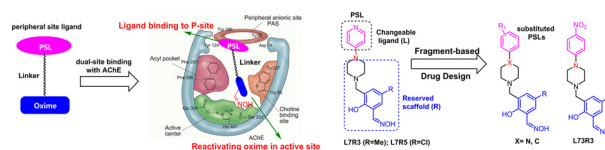
Jingjing Zhang, Wenming Ren, Xiaohui Liu, Jingjing Chen, Yuteng Zeng, Huaijiang Xiang, Youhong Hu* and Haiyan Zhang*



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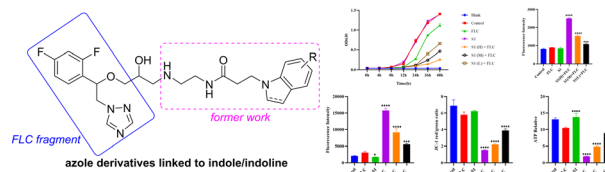
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New azole derivatives linked to indole/indoline moieties combined with FLC against drug-resistant *Candida albicans*

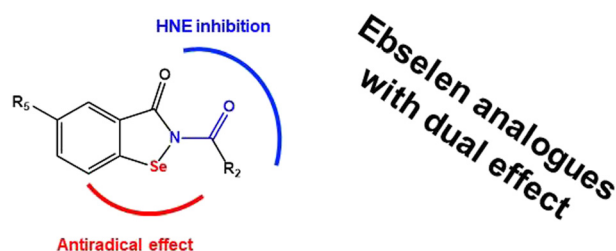
Yunhong Shen, Min Pan, Hui Gao, Yi Zhang, Ruirui Wang, Jun Li* and Zewei Mao*



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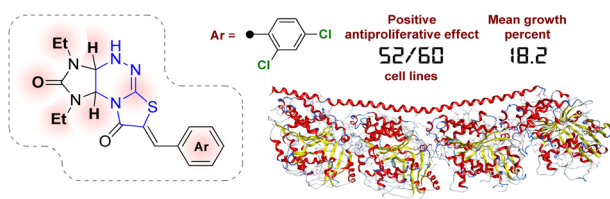
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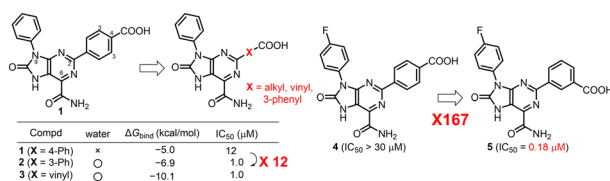
Novel tubulin polymerization inhibitors



Recognition of arylmethylidene derivatives of imidazothiazolotriazinones as novel tubulin polymerization inhibitors

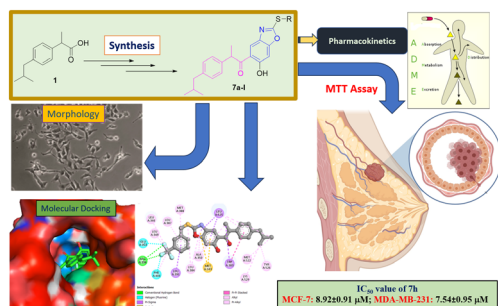
Alexei N. Izmet'sev, Elena V. Svirshchevskaya, Sergey B. Akopov, Angelina N. Kravchenko and Galina A. Gazieva*

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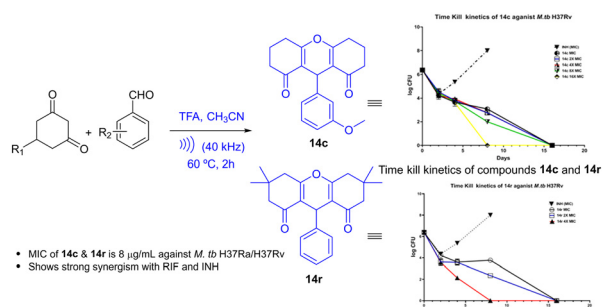
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Design, synthesis, and cytotoxicity of ibuprofen-appended benzoxazole analogues against human breast adenocarcinoma

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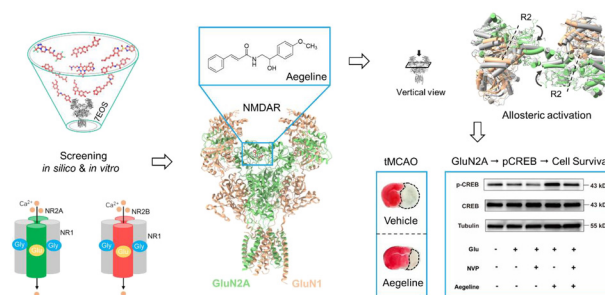


RESEARCH ARTICLES

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Discovery of novel positive allosteric modulators targeting GluN1/2A NMDARs as anti-stroke therapeutic agents

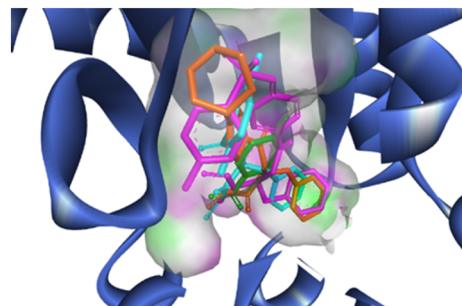
Hongyu Zhu, Xin Chen, Lu Zhang, Xuequan Liu, Ji Chen, Han-Ting Zhang* and Mingxin Dong*



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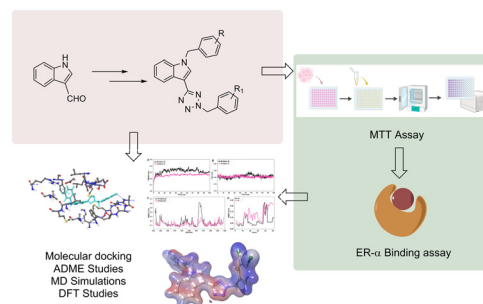
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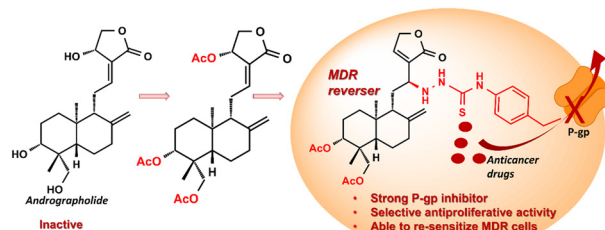
Kamalpreet Kaur, Harkomal Verma, Prabhakar Gangwar, Monisha Dhiman and Vikas Jaitak*



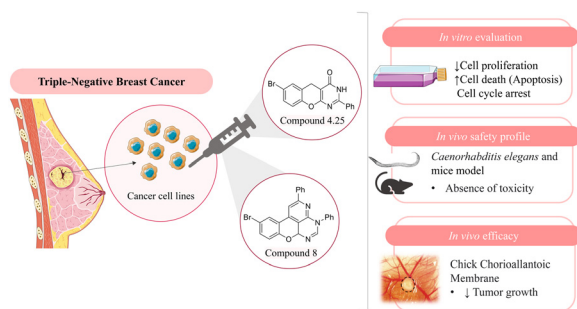
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Nitrogen-containing andrographolide derivatives with multidrug resistance reversal effects in cancer cells

Joana R. L. Ribeiro, Nikoletta Szemerédi, Bruno M. F. Gonçalves, Gabriella Spengler, Carlos A. M. Afonso and Maria-José U. Ferreira*



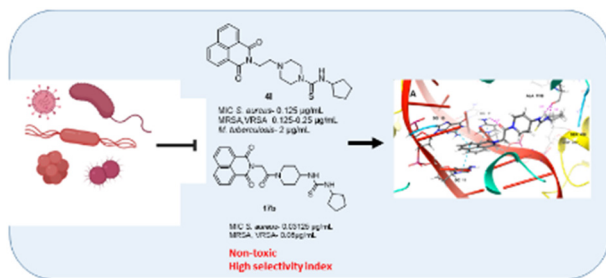
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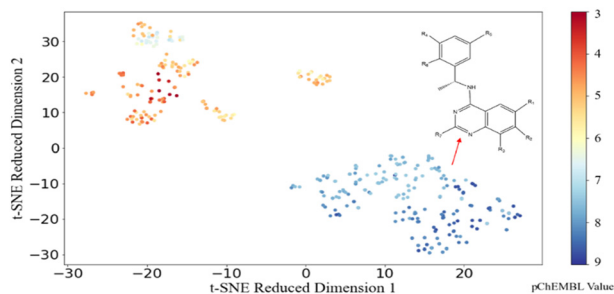
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Sidharth Chopra* and Srinivas Nanduri* *et al.*

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Lihui Duo, Yi Chen, Qiupei Liu, Zhangyi Ma, Amin Farjudian, Wan Yong Ho, Sze Shin Low, Jianfeng Ren,* Jonathan D. Hirst,* Hua Xie* and Bencan Tang*

