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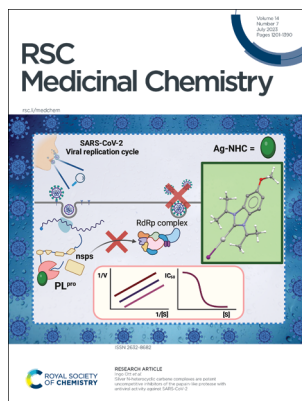
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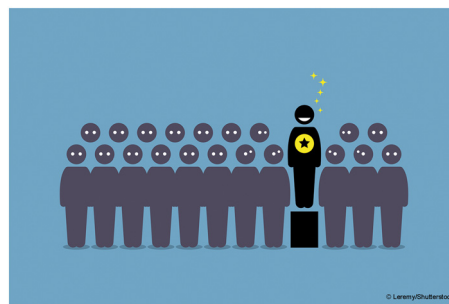


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See Ingo Ott et al., pp. 1260–1271. Image created with BioRender.com and reproduced by permission of Ingo Ott from *RSC Med. Chem.*, 2023, 14, 1260.

EDITORIAL

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Outstanding Reviewers for *RSC Medicinal Chemistry* in 2022

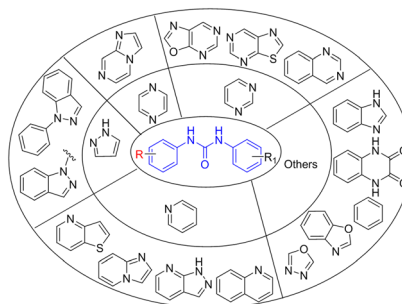


REVIEWS

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Research and development of *N,N'*-diaryllureas as anti-tumor agents

Xueyan Sun, Zhizhong Xie, Xiaoyong Lei, Sheng Huang, Guotao Tang* and Zhe Wang*



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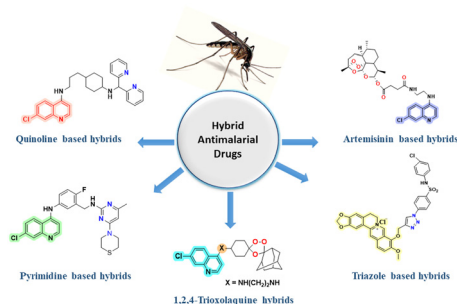


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Is structural hybridization invoking new dimensions for antimalarial drug discovery research?

Bhawana Sharma, Alka Agarwal* and Satish Kumar Awasthi*



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Optimized synthesis of anti-COVID-19 drugs aided by retrosynthesis software

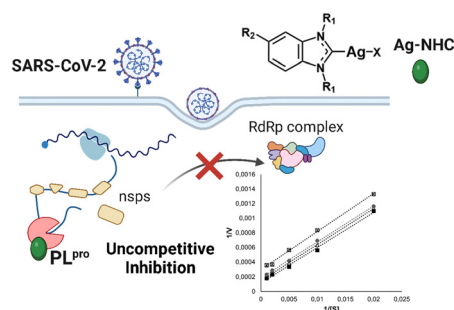
Wentao Qi, Dong Zhai, Danna Song, Chengcheng Liu, Junxia Yang, Lei Sun, Youyong Li,* Xingwei Li and Weiqiao Deng*



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Silver N-heterocyclic carbene complexes are potent uncompetitive inhibitors of the papain-like protease with antiviral activity against SARS-CoV-2

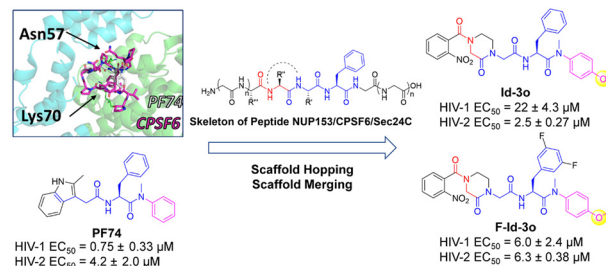
Maria Gil-Moles, Cillian O'Beirne, Igor V. Esarev, Petra Lippmann, Matthias Tacke, Jindrich Cinatl Jr., Denisa Bojkova and Ingo Ott*



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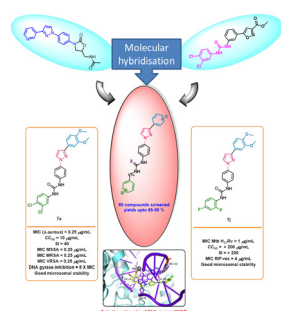
Design, synthesis, and mechanistic study of 2-piperazineone-bearing peptidomimetics as novel HIV capsid modulators

Xujie Zhang, Lin Sun, Shujing Xu, Tianguang Huang, Fabao Zhao, Dang Ding, Chuanfeng Liu, Xiangyi Jiang, Yucen Tao, Dongwei Kang, Erik De Clercq, Christophe Pannecouque,* Simon Cocklin,* Alexej Dick,* Xinyong Liu* and Peng Zhan*



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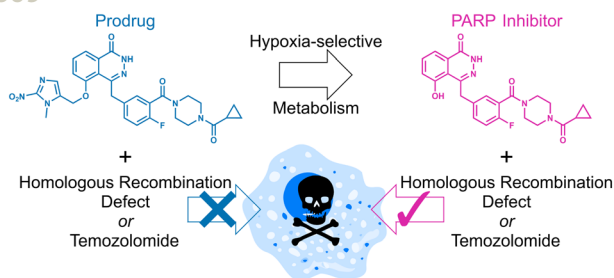
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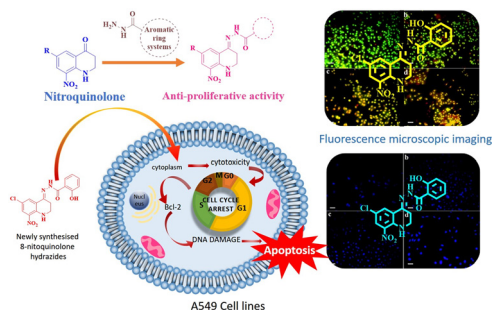
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Hypoxia-activated prodrugs of phenolic olaparib analogues for tumour-selective chemosensitisation

Way W. Wong, Sophia F. O'Brien-Gortner, Robert F. Anderson, William R. Wilson, Michael P. Hay and Benjamin D. Dickson*

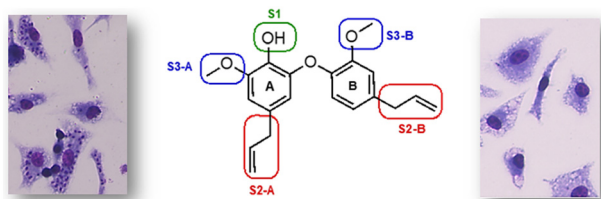
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Vandana Nandakumar, Amsaveni Sundarasamy, Kaviyarasu Adhigaman, Sentamil Selvi Ramasamy, Manickam Paulpandi, Gothandam Kodiveri Muthukaliannan, Arul Narayanasamy and Suresh Thangaraj*

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Maiara Amaral, Hannah Asiki, Claire E. Sear, Snigdha Singh, Pauline Pieper, Marius M. Haugland, Edward A. Anderson* and Andre G. Tempone*

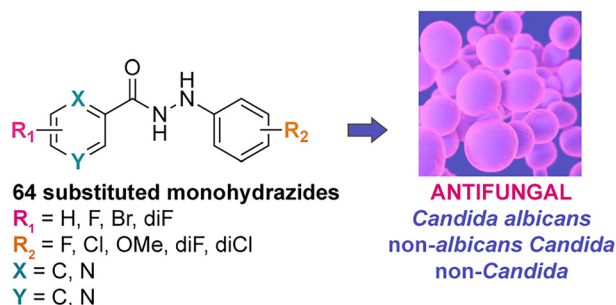


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Discovery and development of novel substituted monohydrazides as potent antifungal agents

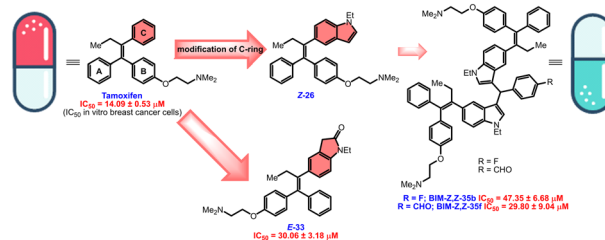
Nishad Thamban Chandrika, Keith D. Green, Abbygail C. Spencer, Oleg V. Tsodikov and Sylvie Garneau-Tsodikova*



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Berrak Ertugrul, Abdulmelik Aytatli, Omer Faruk Karatas* and Nurullah Saracoglu*



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Luis Apaza Ticona,* Javier Sánchez Sánchez-Corral, Alejandro Flores Sepúlveda, Carmen Soriano Vázquez, Carmen Hernán Vieco and Ángel Rumbero Sánchez

