

RSC Medicinal Chemistry

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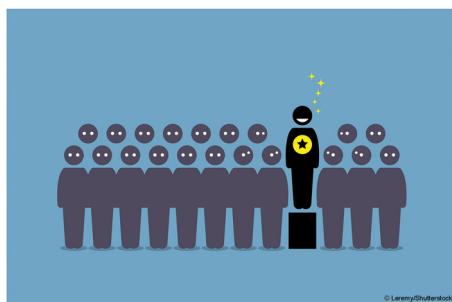
Cover

See Jinming Zhou *et al.*,
pp. 3038–3047.
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2024, 15, 3038.

EDITORIAL

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**Outstanding Reviewers for RSC Medicinal Chemistry
in 2023**

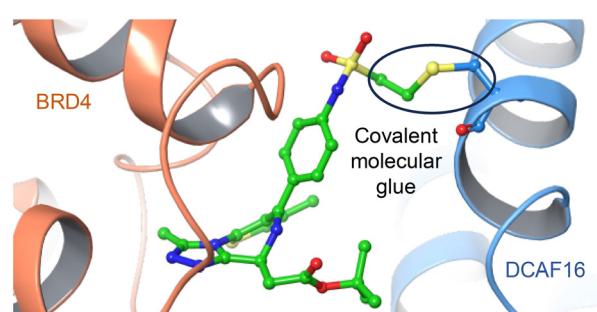


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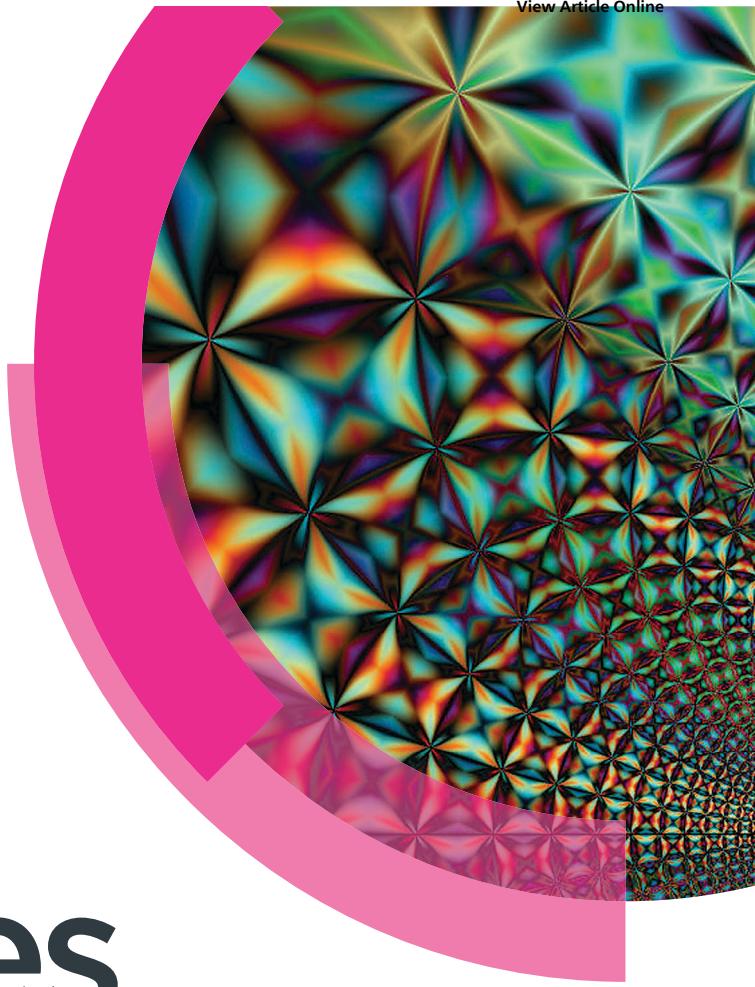
**Synthetic modification of protein surfaces to
mediate induced-proximity pharmacology**

Lyn H. Jones*





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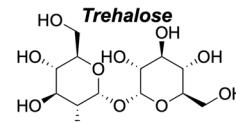
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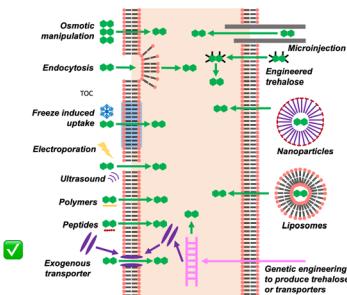
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Trehalose in cryopreservation. Applications, mechanisms and intracellular delivery opportunities

Alex Murray, Peter Kilbride and Matthew I. Gibson*



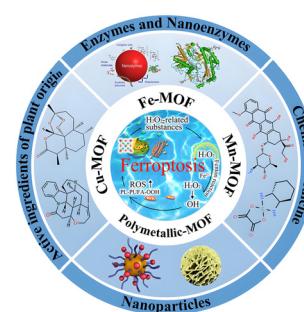
- Cryoprotectant
- Unique disaccharide
- Cell permeable
- Opportunities for chemistry



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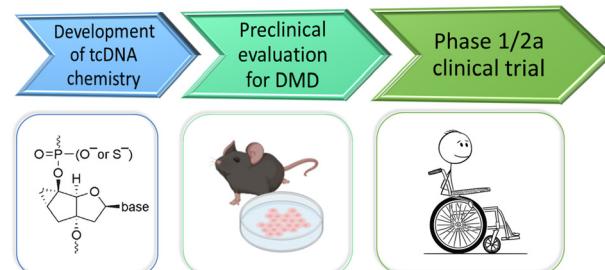
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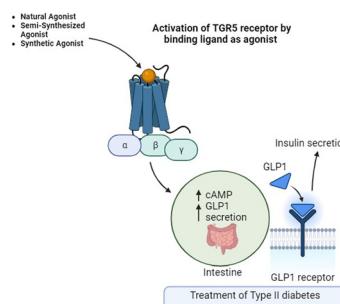
Mathilde Blitek, Xaysongkhame Phongsavanh and Aurélie Goyenvalle*



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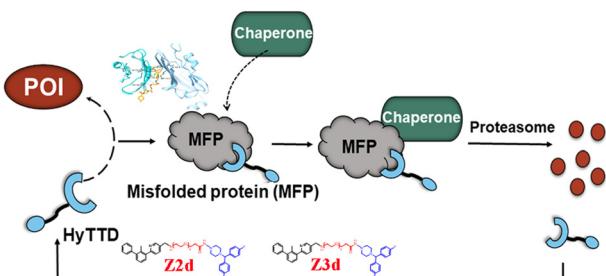
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Rachana S. Bhimanwar, Amit Mittal, Snehal Chaudhari and Vikas Sharma*



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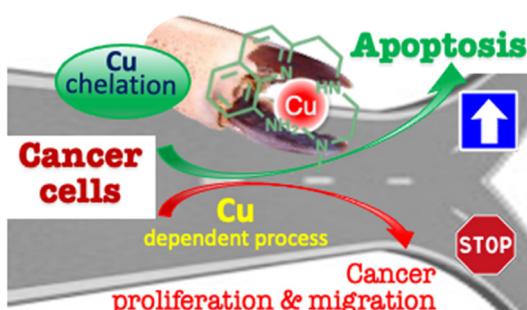
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A novel hydrophobic tag leads to the efficient degradation of programmed death-ligand 1

Jieke Gao, Yongli Xie, Jiantao Zhang, Huirong Chen, Yan Zou, Shan Cen and Jinming Zhou*

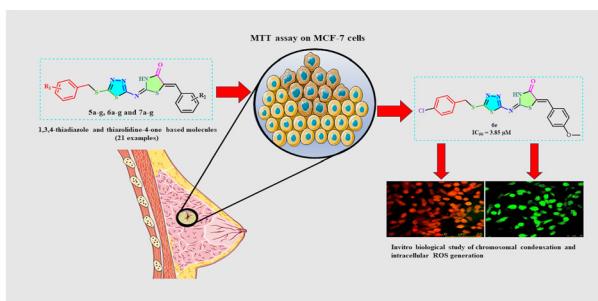
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Copper selective 8-aminoquinoline based tetradentate chelators as anticancer agents

Yingzhen Guan, Michel Nguyen, Anne Robert, Yan Liu* and Bernard Meunier*

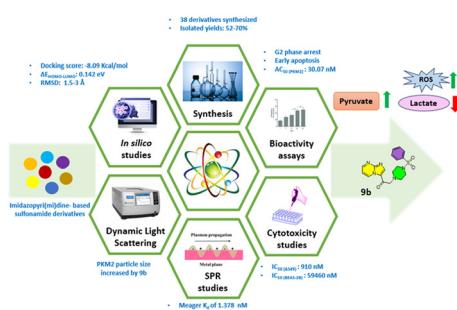
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Synthesis and antiproliferative potency of 1,3,4-thiadiazole and 1,3-thiazolidine-4-one based new binary heterocyclic molecules: *in vitro* cell-based anticancer studies

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Novel sulfonamides unveiled as potent anti-lung cancer agents *via* tumor pyruvate kinase M2 activation

Rudradip Das, Deep Rohan Chatterjee, Saumya Kapoor, Het Vyas and Amit Shard*

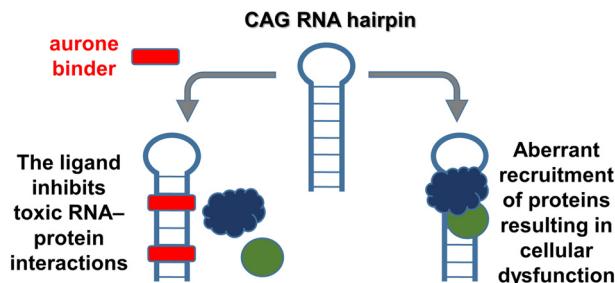


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A novel aurone RNA CAG binder inhibits the huntingtin RNA–protein interaction

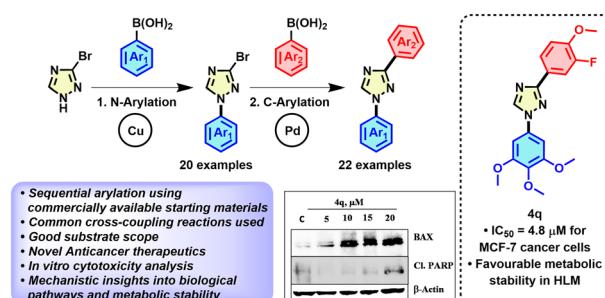
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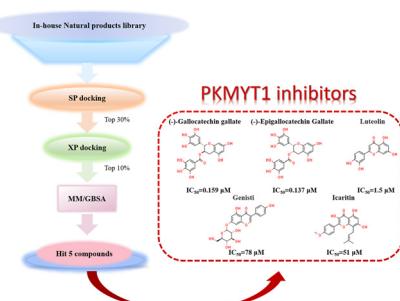
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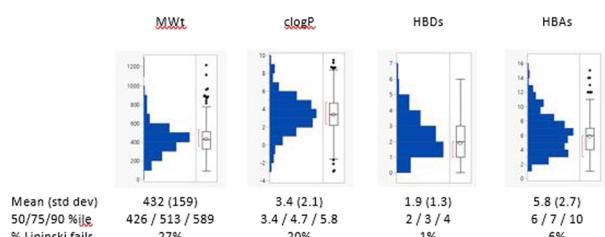
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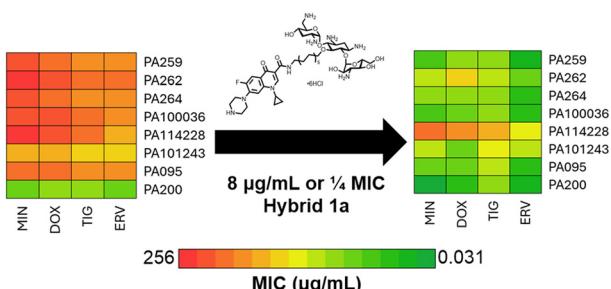
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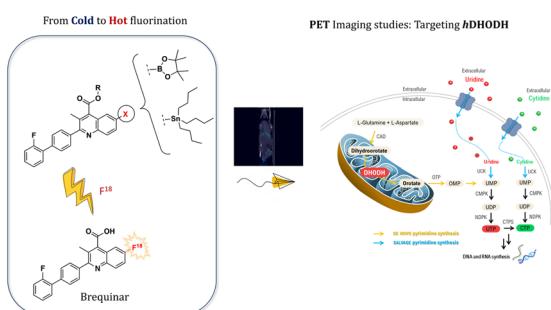
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Enhancing outer membrane permeability of tetracycline antibiotics in *P. aeruginosa* using TOB-CIP conjugates

Shiv Dhiman, Danyel Ramirez, Rajat Arora, Gilbert Arthur and Frank Schweizer*

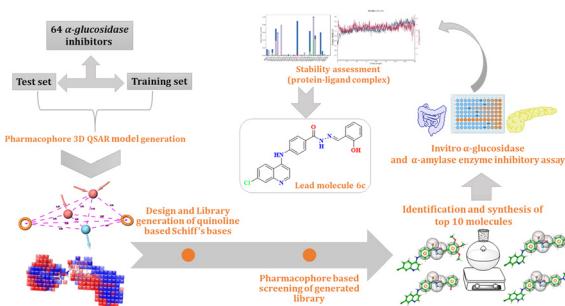
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Radiosynthesis of $[^{18}\text{F}]$ brequinar for *in vivo* PET imaging of hDHODH for potential studies of acute myeloid leukemia and cancers

Vinay Kumar Banka, Stefano Sainas, Elena Martino, Jiacheng Wang, Marco Lucio Lolli and Yu-Shin Ding*

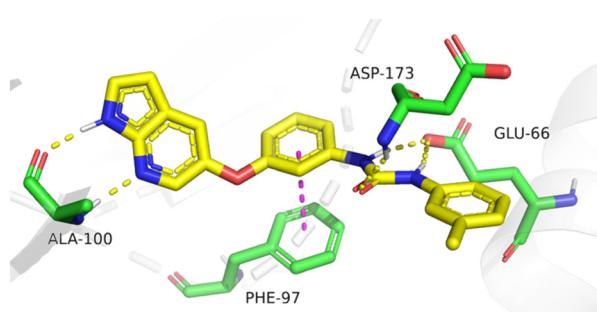
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Design and synthesis of 7-azaindole derivatives as potent CDK8 inhibitors for the treatment of acute myeloid leukemia

Yumeng Wang, Cencen Lei, Quan Wang, Xingxing Zhang, Liping Zhi* and Xinhua Liu*

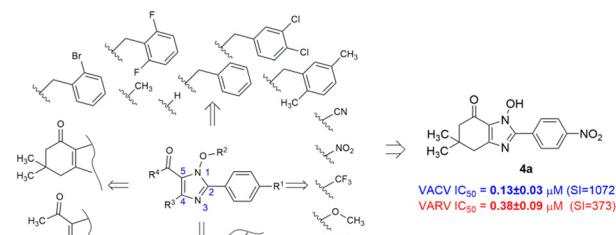


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2-Aryl-1-hydroxymidazoles possessing antiviral activity against a wide range of orthopoxviruses, including the variola virus

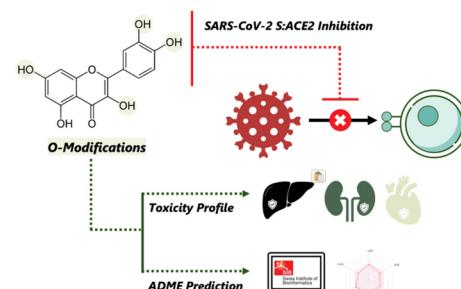
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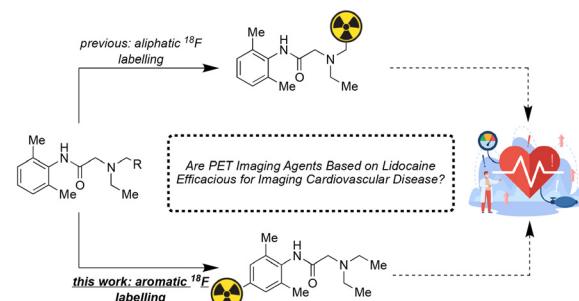
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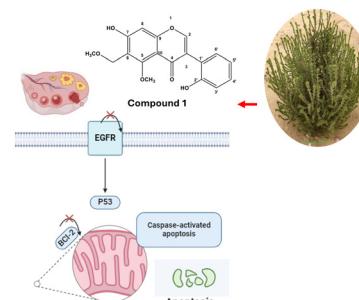
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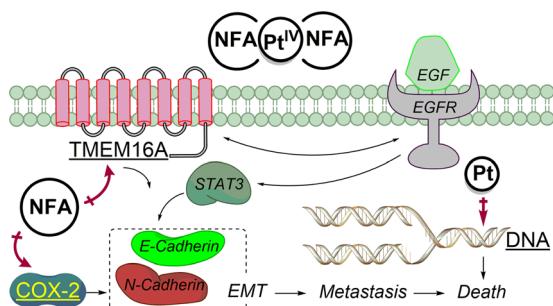
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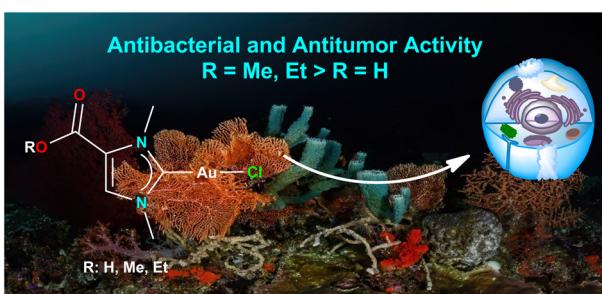
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Pt(IV) derivatives of cisplatin and oxaliplatin bearing an EMT-related TMEM16A/COX-2-selective dual inhibitor against colorectal cancer cells HCT116

Zhong-Ying Ma, Xiao-Jing Ding, Zhen-Zhen Zhu, Qian Chen, Dong-Bo Wang, Xin Qiao and Jing-Yuan Xu*

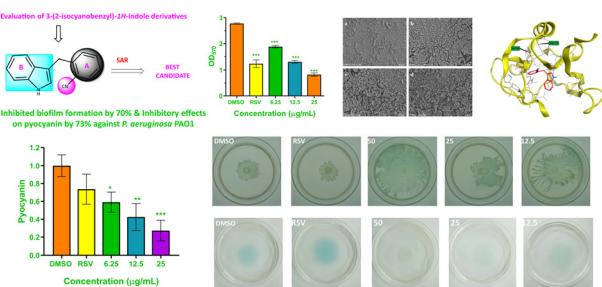
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Gold(i) and gold(III) carbene complexes from the marine betaine norzooanemonin: inhibition of thioredoxin reductase, antiproliferative and antimicrobial activity

Seyedeh Mahbobe Mahdavi, Dirk Bockfeld, Igor V. Esarev, Petra Lippmann, René Frank, Mark Brönstrup, Ingo Ott and Matthias Tamm*

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Discovery and evaluation of 3-(2-isocyanobenzyl)-1H-indole derivatives as potential quorum sensing inhibitors for the control of *Pseudomonas aeruginosa* infections *in vitro*

Jiang Wang Jing-Yi Yang, Pradeepraj Durairaj, Wei-Huan Wen, Nadana Sabapathi, Liang Yang, Bo Wang* and Ai-Qun Jia*

