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See Chuan-Huizi Chen, Wenbin Jin *et al.*, pp. 3674–3694.
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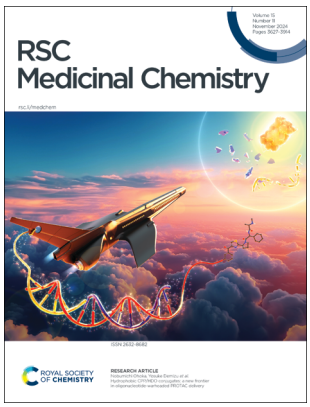

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See Nobumichi Ohoka, Yosuke Demizu *et al.*, pp. 3695–3703.
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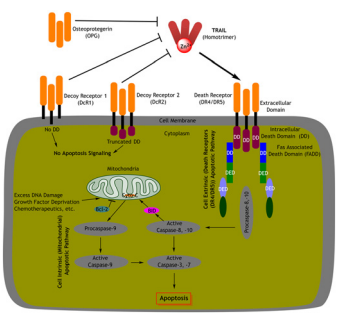
EDITORIAL

REVIEWS



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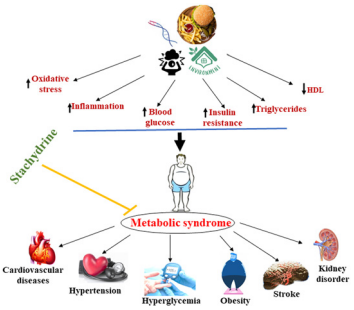
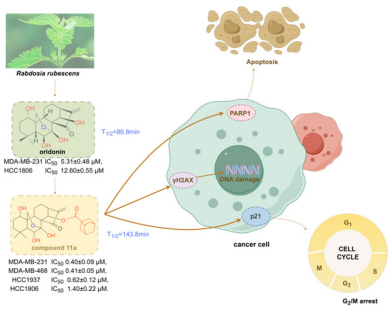
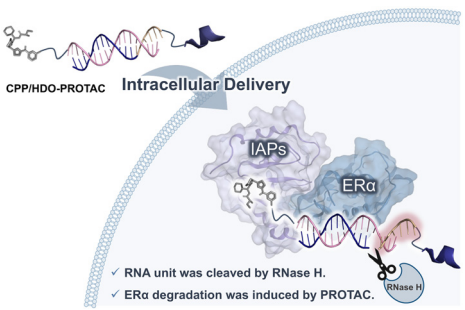
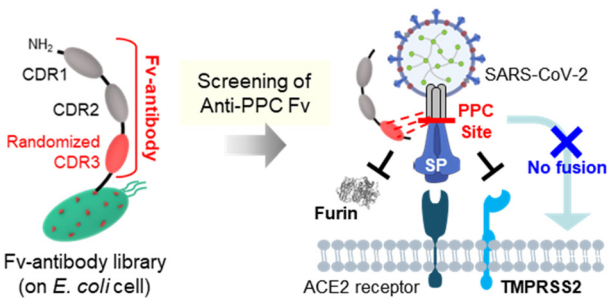


RESEARCH ARTICLES







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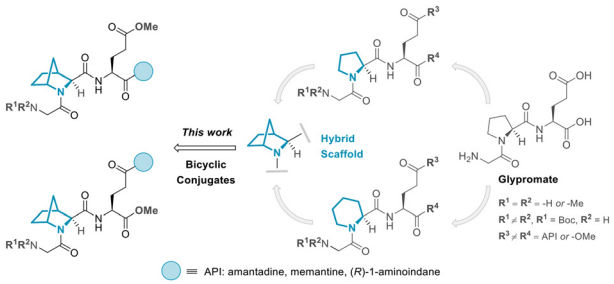

Discovery of hybrid Glypromate conjugates with neuroprotective activity against paraquat-induced toxicity

Sara C. Silva-Reis, Vera M. Costa, Daniela Correia da Silva, David M. Pereira, Xavier Cruz Correia, Xerardo García-Mera, José E. Rodríguez-Borges and Ivo E. Sampaio-Dias*

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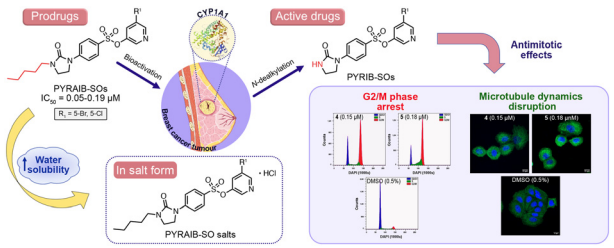

Pyridinyl 4-(2-oxoalkylimidazolidin-1-yl) benzenesulfonates and their hydrochloride salts as novel water soluble antimitotic prodrugs bioactivated by cytochrome P450 1A1 in breast cancer cells

Vincent Ouellette, Chahrazed Bouzriba, Atziri Corin Chavez Alvarez, Quentin Bruxelles, Geneviève Hamel-Côté and Sébastien Fortin*

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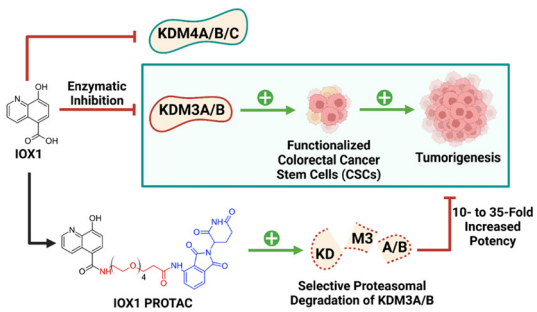

Novel PROTAC probes targeting KDM3 degradation to eliminate colorectal cancer stem cells through inhibition of Wnt/β-catenin signaling

Shadid U. Zaman, Piyusha P. Pagare, Hongguang Ma, Rosalie G. Hoyle, Yan Zhang* and Jiong Li*

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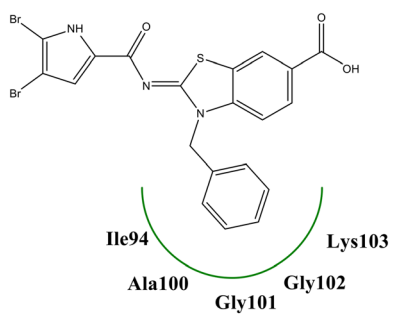
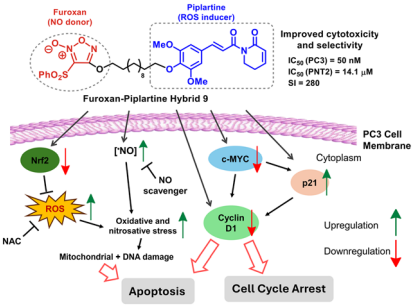
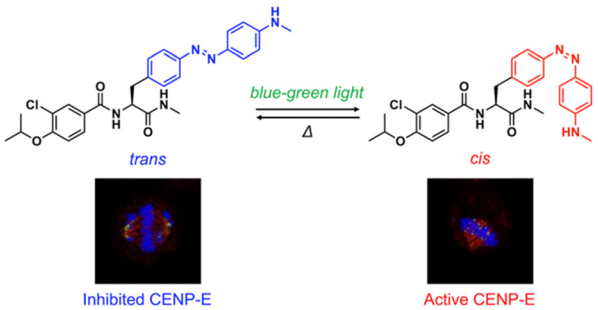


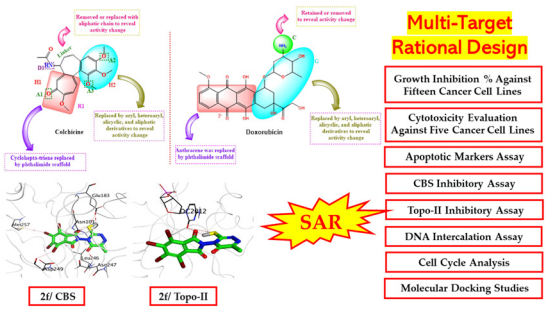
New ATP-competitive inhibitors of *E. coli* GyrB obtained from the mapping of the hydrophobic floor at the binding site: synthesis and biological evaluation

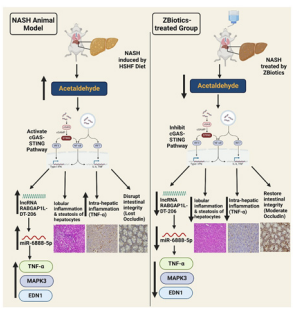
Lucas Gutierrez, Peter Peršolja, Rodrigo Tosso, Nace Zidar, Danijel Kikelj and Ricardo D. Enriz

RESEARCH ARTICLES









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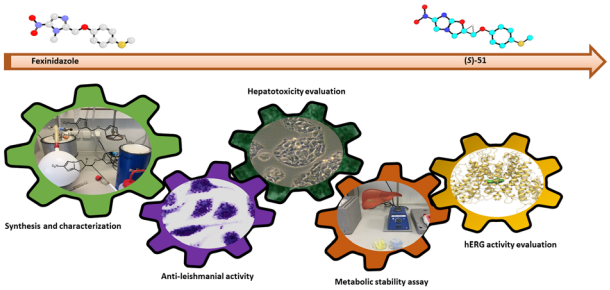

Fexinidazole optimization: enhancing anti-leishmanial profile, metabolic stability and hERG safety

Abdrrahman Shemsu Surur,* Chin Fung Chan, Frieda-Marie Bartz, Iris L. K. Wong, Van T. D. Nguyen, Lukas Schulig, Andreas Link, Tak Hang Chan, Larry M. C. Chow and Patrick J. Bednarski

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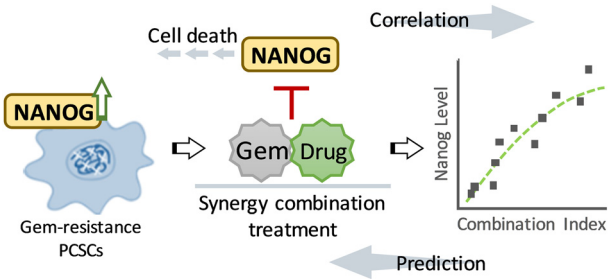

Prediction of synergistic gemcitabine-based combination treatment through a novel tumor stemness biomarker NANOG in pancreatic cancer

Jiongjia Cheng,* Ting Zhu, Shaoxian Liu, Jiayu Zhou, Xiaofeng Wang and Guangxiang Liu*

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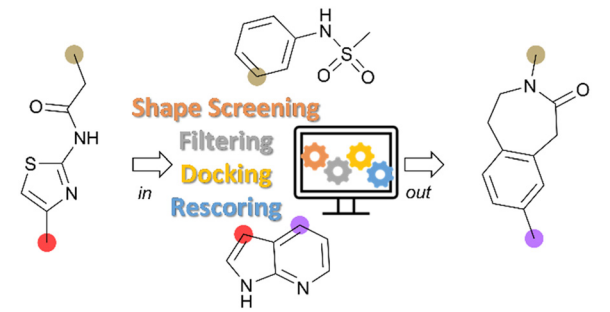

Design and synthesis of novel 8-(azaindolyl)-benzoazepinones as potent and selective ROCK inhibitors

Daniele Pala,* David Clark, Christine Edwards, Elisa Pasqua, Laura Tigli, Barbara Pioselli, Piotr Malysa, Fabrizio Facchinetti, Fabio Rancati and Alessandro Accetta*

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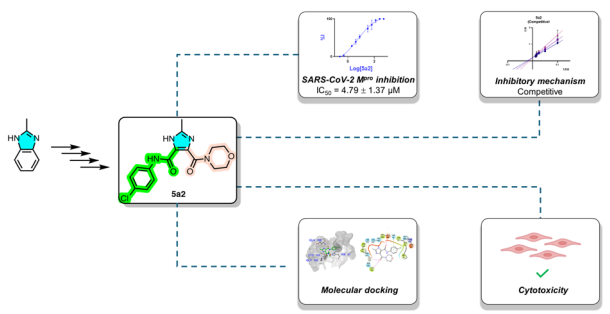


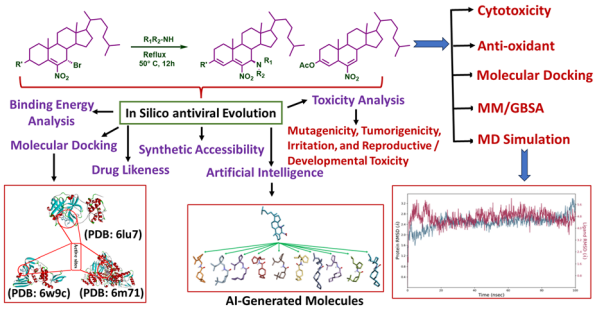
Asymmetric imidazole-4,5-dicarboxamide derivatives as SARS-CoV-2 main protease inhibitors: design, synthesis and biological evaluation

Phuong Nguyen Hoai Huynh, Phatcharin Khamplong, Minh-Hoang Phan, Thanh-Phuc Nguyen, Phuong Ngoc Lan Vu, Quang-Vinh Tang, Phumin Chamsodsai, Supaphorn Seetaha, Truong Lam Tuong, Thien Y. Vu, Duc-Duy Vo, Kiattawee Choowongkomon* and Cam-Van T. Vo*

RESEARCH ARTICLES

Exploring 7β-amino-6-nitrocholestens as COVID-19 antivirals: *in silico*, synthesis, evaluation, and integration of artificial intelligence (AI) in drug design: assessing the cytotoxicity and antioxidant activity of 3β-acetoxynitrocholestane

Shahabuddin, Uzma, Mohammad Azam, Mehtab Parveen,* Nurul Huda Abd Kadir, Kim Min and Mahboob Alam*



CORRECTION

Correction: computational design, synthesis, and assessment of 3-(4-(4-(1,3,4-oxadiazol-2-yl)-1*H*-imidazol-2-yl)phenyl)-1,2,4-oxadiazole derivatives as effective epidermal growth factor receptor inhibitors: a prospective strategy for anticancer therapy

Nilesh Raghunath Khedkar, Milind Sindkhedkar* and Alex Joseph