

RSC Medicinal Chemistry

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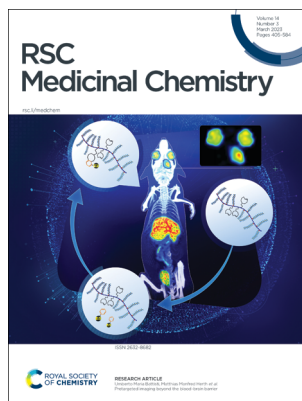
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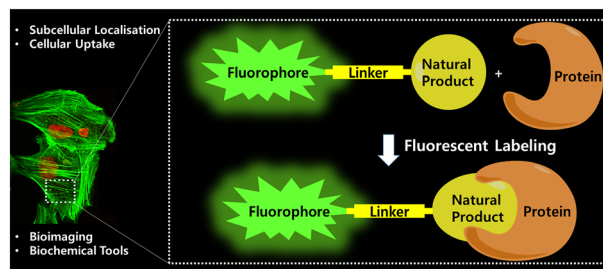
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See Umberto Maria Battisti, Matthias Manfred Herth *et al.*, pp. 444-453.
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REVIEW

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Natural-product-based fluorescent probes: recent advances and applications

Dan-Bi Sung and Jong Seok Lee*

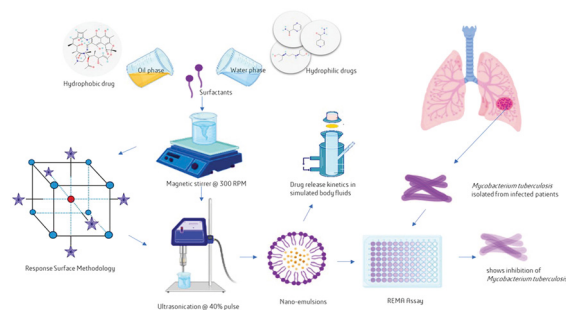


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Multi-drug loaded eugenol-based nanoemulsions for enhanced anti-mycobacterial activity

Parvathy Mohan Menon, Natarajan Chandrasekaran,* George Priya Doss C* and Sivakumar Shanmugam



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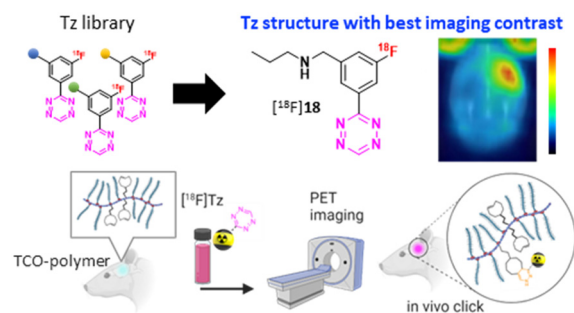


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Pretargeted imaging beyond the blood–brain barrier

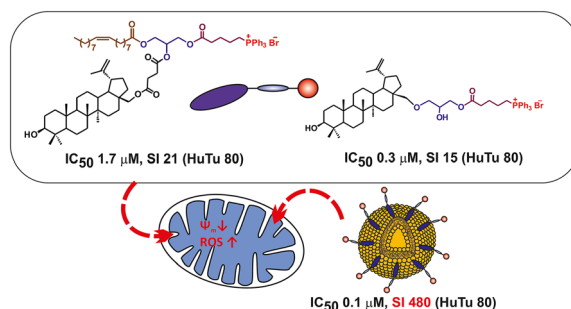
Vladimir Shalgunov, Sara Lopes van den Broek, Ida Vang Andersen, Rocío García Vázquez, Nakul Ravi Raval, Mikael Palner, Yuki Mori, Gabriela Schäfer, Barbara Herrmann, Hannes Mikula, Natalie Beschorner, Maiken Nedergaard, Stina Syvänen, Matthias Barz, Gitte Moos Knudsen, Umberto Maria Battisti* and Matthias Manfred Herth*



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Novel triphenylphosphonium amphiphilic conjugates of glycerolipid type: synthesis, cytotoxic and antibacterial activity, and targeted cancer cell delivery

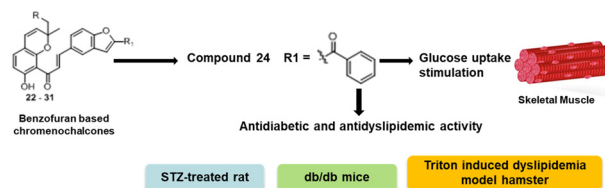
Olga V. Tsepaeva, Andrey V. Nemtarev, Tatiana N. Pashirova, Michail V. Khokhlachev, Anna P. Lyubina, Syumbelya K. Amerkhanova, Alexandra D. Voloshina and Vladimir F. Mironov*



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Design, synthesis, and evaluation of benzofuran-based chromenochalcones for antihyperglycemic and antidiyslipidemic activities

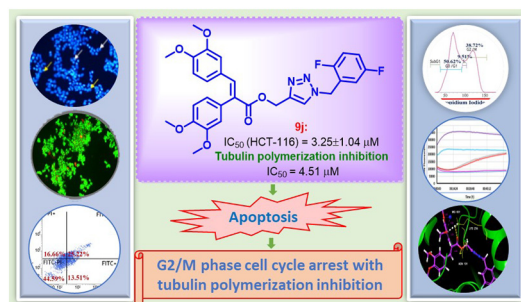
Venkateswarlu Korthikunta, Rohit Singh, Rohit Srivastava, Jyotsana Pandey, Atul Srivastava, Upma Chaturvedi, Akansha Mishra, Arvind K. Srivastava, Akhilesh K. Tamrakar* and Narender Tadigoppula*



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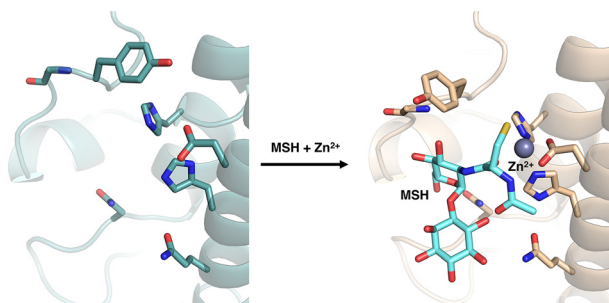
Exploration of cytotoxic potential and tubulin polymerization inhibition activity of *cis*-stilbene-1,2,3-triazole congeners

Darshana Bora, Khan Mehtab Samir, Anamika Sharma, Shrilekha Chilvery, Sapana Bansod, Stephy Elza John, Murselim Ali Khan, Chandraiah Godugu* and Nagula Shankaraiah*



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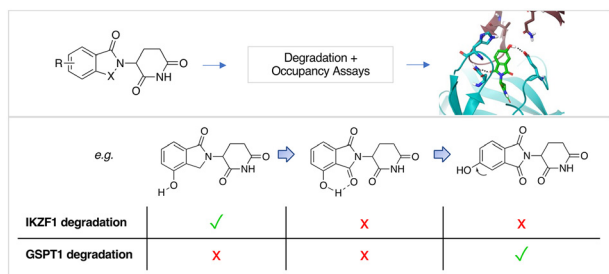
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The *Mycobacterium tuberculosis* mycothiol S-transferase is divalent metal-dependent for mycothiol binding and transfer

Yahani P. Jayasinghe, Michael T. Banco, Jared J. Lindenberg, Lorenza Favrot, Zuzana Palčková, Mary Jackson, Shino Manabe and Donald R. Ronning*

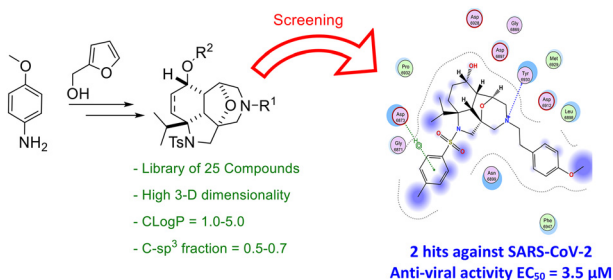
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Structural rationalization of GSPT1 and IKZF1 degradation by thalidomide molecular glue derivatives

Radostaw P. Nowak, Jianwei Che, Silas Ferrao, Nikki R. Kong, Hu Liu, Breanna L. Zerfas and Lyn H. Jones*

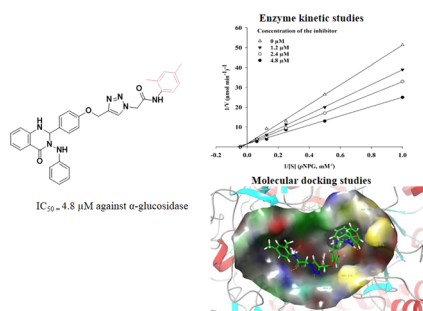
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Design and synthesis of naturally-inspired SARS-CoV-2 inhibitors

Haitham Hassan,* Jeanne Chiavaralli, Afnan Hassan, Loay Bedda, Tim Krischuns, Kuang-Yu Chen, Alice Shi Ming Li, Adrien Delpal, Etienne Decroly, Masoud Vedadi, Nadia Naffakh, Fabrice Agou, Sergio Mallart, Reem K. Arafa* and Paola B. Arimondo*

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Quinazolinone-1,2,3-triazole-acetamide conjugates as potent α-glucosidase inhibitors: synthesis, enzyme inhibition, kinetic analysis, and molecular docking study

Sara Moghadam Farid, Aida Iraj, Somayeh Mojtavavi, Mehrnaz Ghasemi, Mohammad Ali Faramarzi, Mohammad Mahdavi, Maliheh Barazandeh Tehrani,* Tahmineh Akbarzadeh and Mina Saeedi*

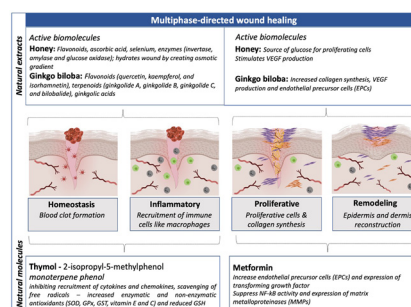


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Polysucrose hydrogel loaded with natural molecules/extracts for multiphase-directed sustainable wound healing

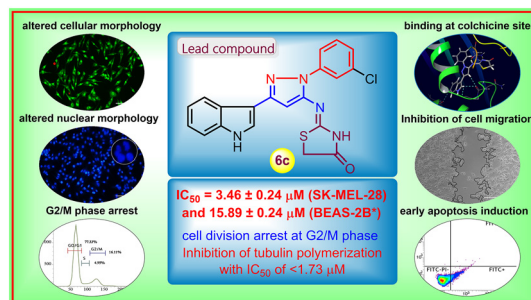
Itisha Chummun Phul, Marie Andrea Laetitia Huët, Devesh Bekah and Archana Bhaw-Luximon*



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Design, synthesis and *in vitro* cytotoxicity evaluation of indolo-pyrazoles grafted with thiazolidinone as tubulin polymerization inhibitors

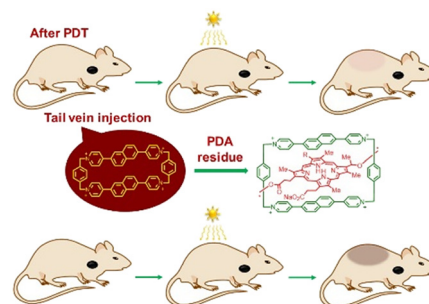
Jay Prakash Soni, Shrilekha Chilvery, Anamika Sharma, G. Nikitha Reddy, Chandraiah Godugu* and Nagula Shankaraiah*



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Host-guest binding of tetracationic cyclophanes to photodynamic agents inhibits posttreatment phototoxicity and maintains antitumour efficacy

Jian-Da Sun, Yamin Liu, Zijian Zhao, Shang-Bo Yu,* Qiao-Yan Qi, Wei Zhou, Hui Wang, Ke Hu, Dan-Wei Zhang* and Zhan-Ting Li*



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Identification of a new class of proteasome inhibitors based on a naphthyl-azotricyclic-urea-phenyl scaffold

Duncan Allardyce, Priscilla Adu Mantey, Monika Szalecka, Robert Nkwo and Eriketi Z. Loizidou*

