

Journal of Materials Chemistry B

Materials for biology and medicine

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2023 *Journal of Materials Chemistry* Lectureship winner: Dr Jovana Milić, University of Fribourg, Switzerland



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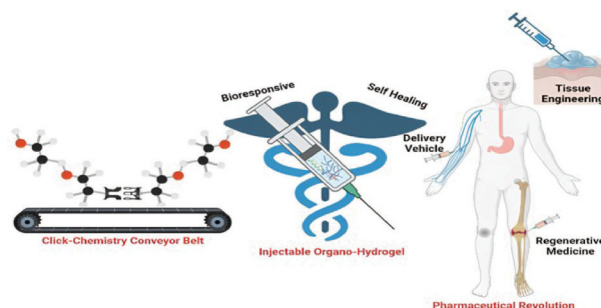


PERSPECTIVE

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Injectable organo-hydrogels influenced by click chemistry as a paramount stratagem in the conveyor belt of pharmaceutical revolution

Abhyavartin Selvam, Misba Majood, Radhika Chaurasia, Rupesh, Akanksha Singh, Tapan Dey, Omnarayan Agrawal, Yogesh Kumar Verma and Monalisa Mukherjee*

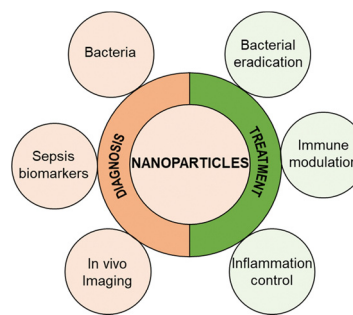


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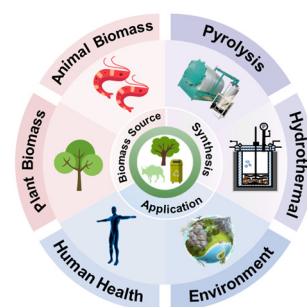
Chaoyang Zhou,* Yong Liu,* Yuanfeng Li* and Linqi Shi



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Biomass-derived 2D carbon materials: structure, fabrication, and application in electrochemical sensors

Xuanyu Xiao, Lei Li, Hui Deng, Yuting Zhong, Wei Deng, Yuanyuan Xu, Zhiyu Chen, Jieyu Zhang, Xuefeng Hu* and Yunbing Wang*

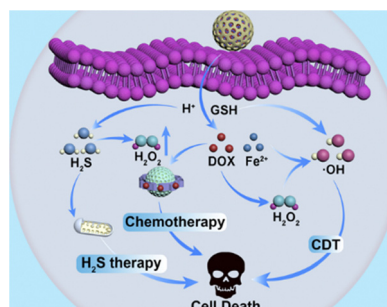


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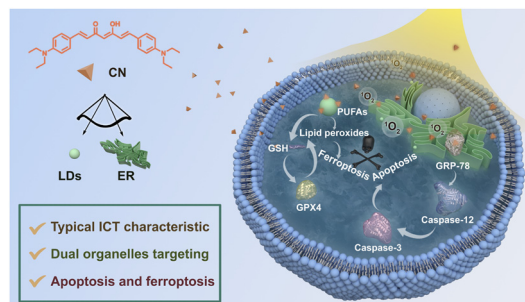
A tetrasulfide bond-bridged mesoporous organosilica-based nanoplatfrom for triple-enhanced chemodynamic therapy combined with chemotherapy and H₂S therapy

Mingzhe Liu, Hui Xu, FangFang Zhou, Xiyu Gong, Songwen Tan and Yongju He*



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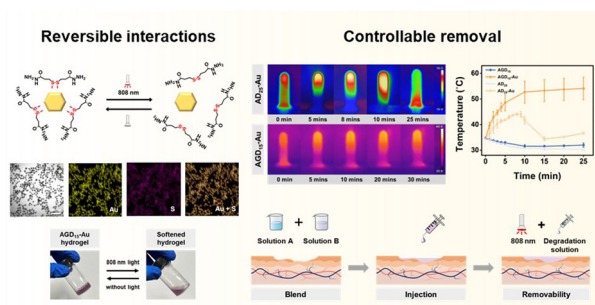
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A dual organelle-targeting photosensitizer based on curcumin for enhanced photodynamic therapy

Yanping Wang, Xuwei Li, Weimin Liu,* Jie Sha, Zhe Yu, Shuai Wang, Haohui Ren, Wenjun Zhang, Chun-Sing Lee and Pengfei Wang*

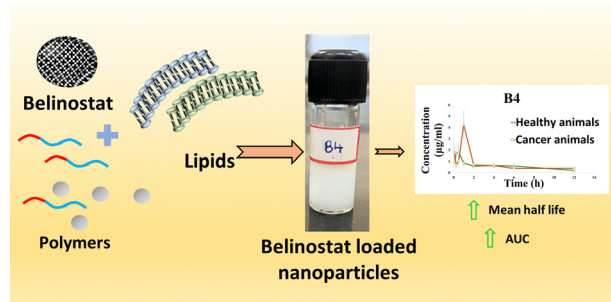
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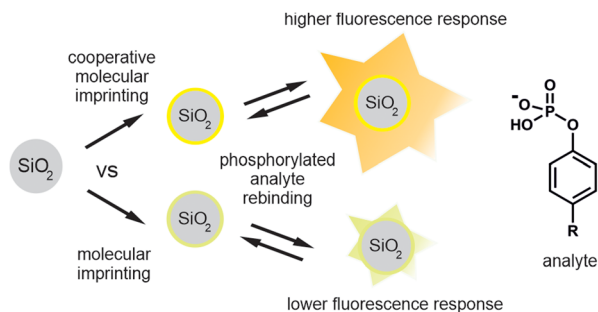
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Evgeniia Kislenco, Anıl İncel, Kornelia Gawlitza, Börje Sellergren and Knut Rurack*

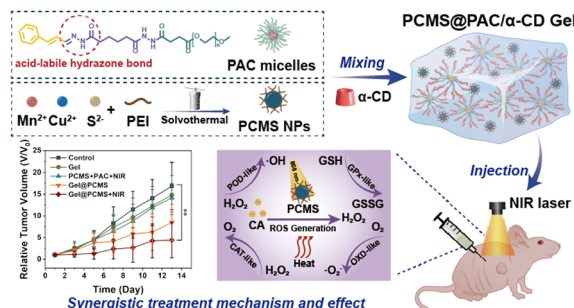


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A pH-responsive supramolecular hydrogel encapsulating a CuMnS nanoenzyme catalyst for synergistic photothermal–photodynamic–chemodynamic therapy of tumours

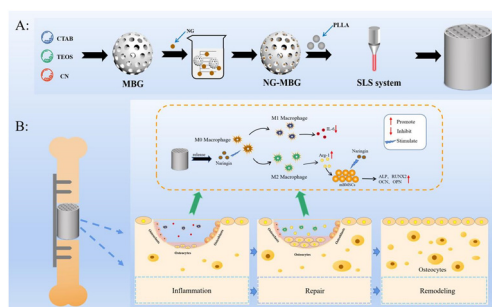
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Direct osteogenesis and immunomodulation dual function *via* sustained release of naringin from the polymer scaffold

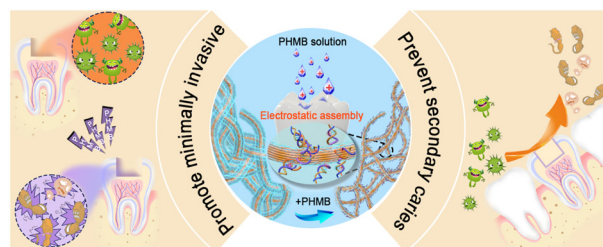
Wei Xiong, Lingmei Yuan, Jinyang Huang, Bin Pan, Ling Guo, Guowen Qian,* Cijun Shuai* and Zhikui Zeng*



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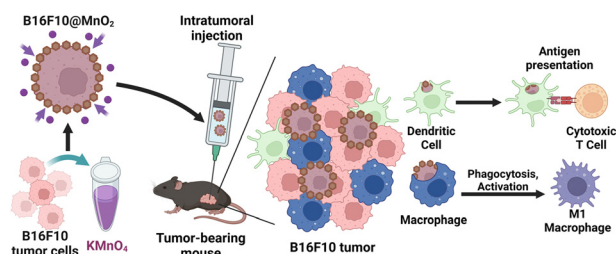
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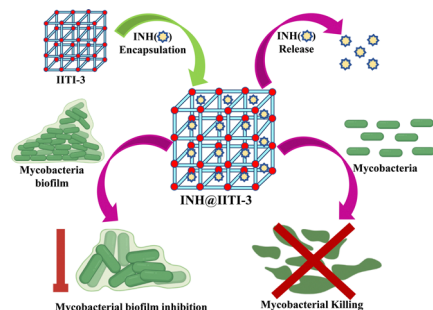
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Zhenyu Liu, Jiake Lin, Benke Li, Yuemin Zhou, Chen Li, Yihao Cui, Fengchao Tian, Ruikang Tang* and Xiaoyu Wang*



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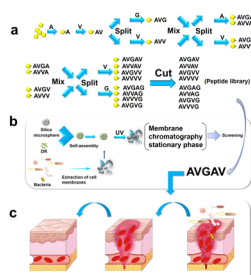
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Exploring the antimicrobial potential of isoniazid loaded Cu-based metal–organic frameworks as a novel strategy for effective killing of *Mycobacterium tuberculosis*

Pawan Kumar, Ananyaashree Behera, Pranav Tiwari, Sibi Karthik, Mainak Biswas, Avinash Sonawane and Shaikh M. Mobin*

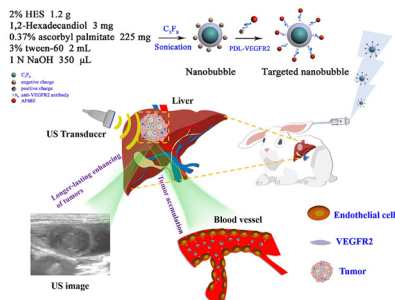
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Yang Cao, Linlin Kang, Yumei Wang, Zekai Ren, Han Wu, Xin Liu, Hailin Cong,* Bing Yu* and Youqing Shen

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Novel anti-VEGFR2 antibody-conjugated nanobubbles for targeted ultrasound molecular imaging in a rabbit VX2 hepatic tumor model

Houqiang Yu, Shuanghua Zheng, Cai Wang, Jun Xing and Ling Li*

CORRECTION

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Correction: Injectable organo-hydrogels influenced by click chemistry as a paramount stratagem in the conveyor belt of pharmaceutical revolution

Abhyavartin Selvam, Misba Majood, Radhika Chaurasia, Rupesh, Akanksha Singh, Tapan Dey, Omnarayan Agrawal, Yogesh Kumar Verma and Monalisa Mukherjee*

