

# Journal of Materials Chemistry B

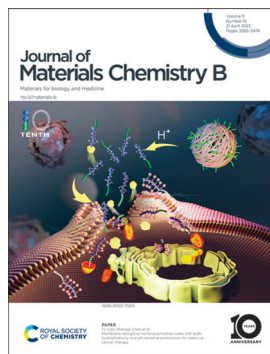
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ISSN 2050-750X CODEN JMCBDV 11(15) 3265–3474 (2023)



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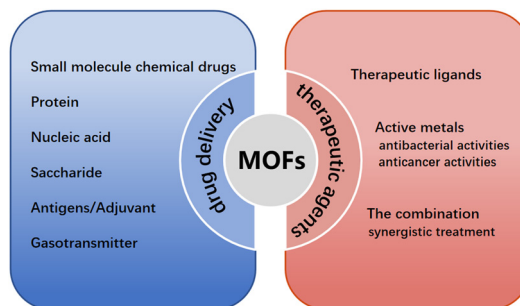
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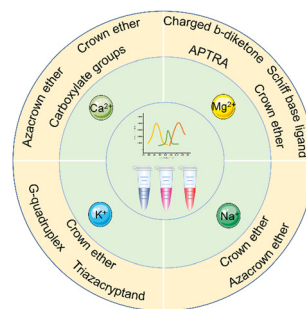
Zeyi Sun, Tieyan Li, Tianxiao Mei, Yang Liu, Kerui Wu, Wenjun Le\* and Yihui Hu\*



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Journal of Materials Chemistry B (electronic: ISSN 2050-7518) is published

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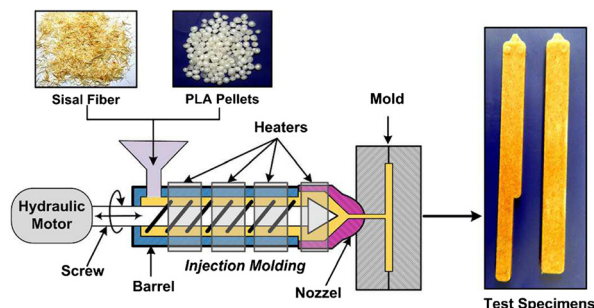


## REVIEWS

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**Synthesis and thermomechanical properties of bioplastics and biocomposites: a systematic review**

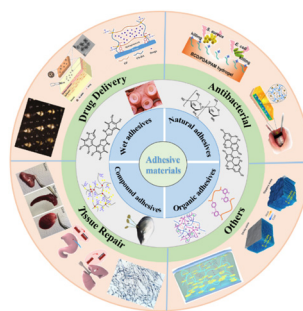
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Yongping Lu, Xinyuan Xu\* and Jianshu Li\*

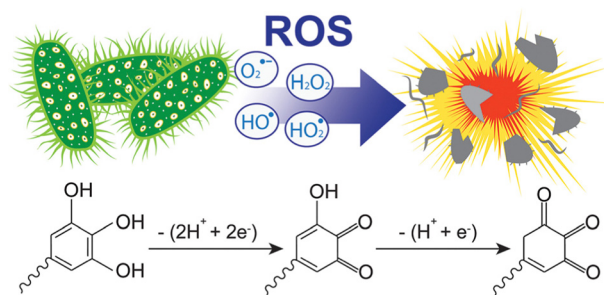


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**Synthesis of biologically derived poly(pyrogallol) nanofibers for antibacterial applications**

Zhen Tian, Guo Wu, Matt Libby, Kang Wu, Kyung Jae Jeong and Young Jo Kim\*

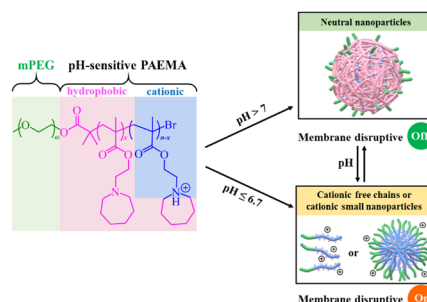


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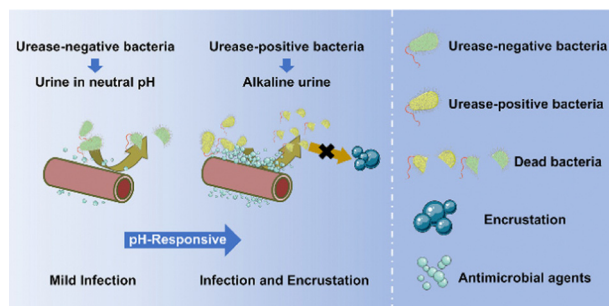
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Rongrong Yu, Tingting Geng, Taotian Wei, Meng Wang, Yin Cao, Mengting Du, Weidong He, Abdul Haleem, Rongfeng Hu, Yu Cao\* and Shengqi Chen\*



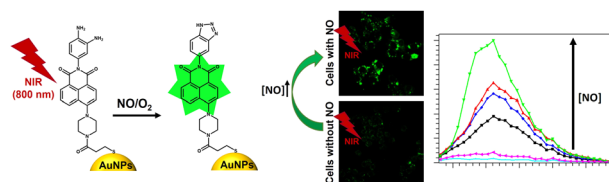
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### Multifunctional hydrogel coatings with high antimicrobial loading efficiency and pH-responsive properties for urinary catheter applications

Jiru Miao, Xiang Wu, Yue Fang, Mingzhu Zeng, Zhimao Huang, Mi Ouyang\* and Rong Wang\*

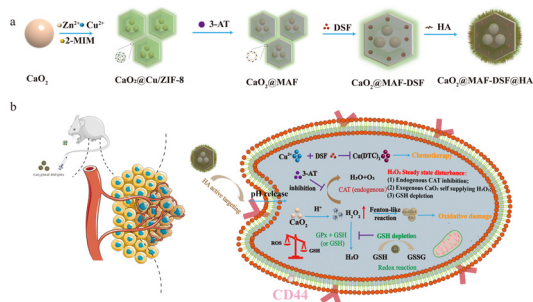
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### Gold nanoparticle-based two-photon fluorescent nanoprobe for monitoring intracellular nitric oxide levels

Carla Arnau del Valle, Paul Thomas, Francisco Galindo, María Paz Muñoz and María J. Marín\*

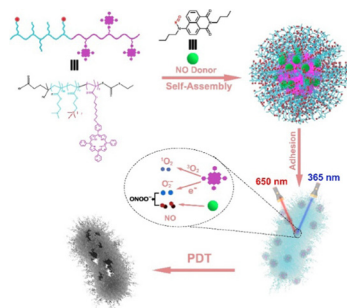
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### pH-responsive nanocatalyst for enhancing cancer therapy via $\text{H}_2\text{O}_2$ homeostasis disruption and disulfiram sensitization

Jingjie Zuo, Siyuan Hao, Wenqiu Li, Haowu Huang, Mingxing Liu and Huiling Guo\*

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### *In situ* generation of peroxynitrite ( $\text{ONOO}^-$ ) for enhanced antibacterial photodynamic therapy

Tao Yue, Baoxuan Huang, Lei Xia, Jia Tian, Qu Liu\* and Weian Zhang\*

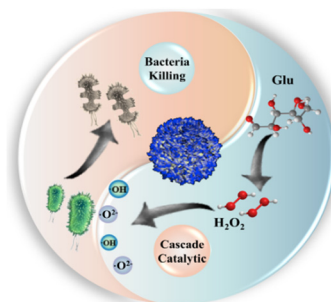


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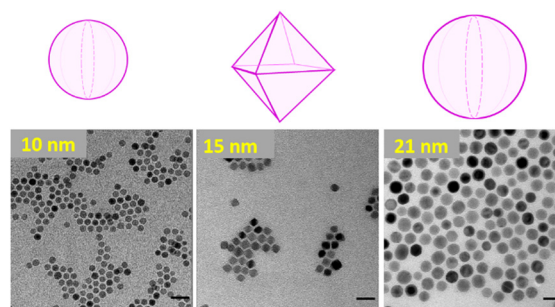
Qiaorong Tang, Lu Shi, Bing Yang, Wei Liu, Baoxin Li and Yan Jin\*



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### Ultrasmall superparamagnetic iron oxide nanoparticles for enhanced tumor penetration

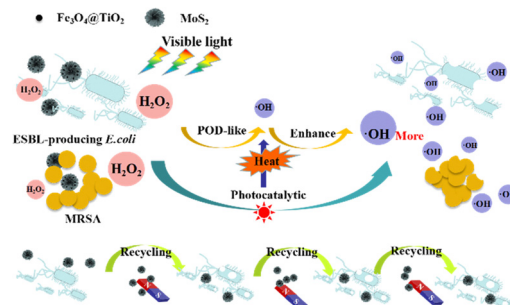
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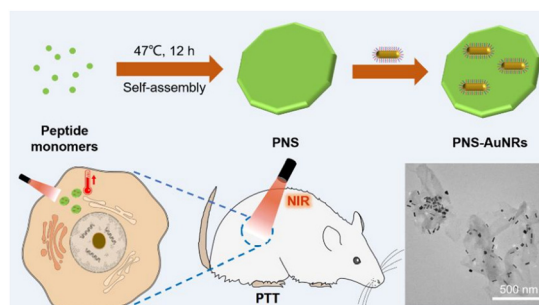
Yiping Sun, Wenhui Yue, Bin Niu, Yu Lin, Xiangyong Liu, Tianming Wu, Gong Zhang, Ke Qu,\* Lu Wang\* and Yusheng Niu\*



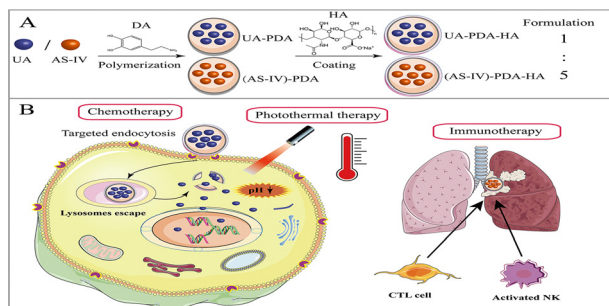
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### Two-dimensional peptide nanosheets functionalized with gold nanorods for photothermal therapy of tumors

Hao Kong, Jinru Han, Ming Yang, Liangxue Lai, Yabing Sun, Xin Luan, Wenzhi Ren,\* Aiguo Wu and Gang Wei\*



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Fan Xu, Minghua Li, Zujun Que, Mingliang Su, Wang Yao, Yu Zhang, Bin Luo, Yan Li, Zhanxia Zhang\* and Jianhui Tian\*

