

# Journal of Materials Chemistry B

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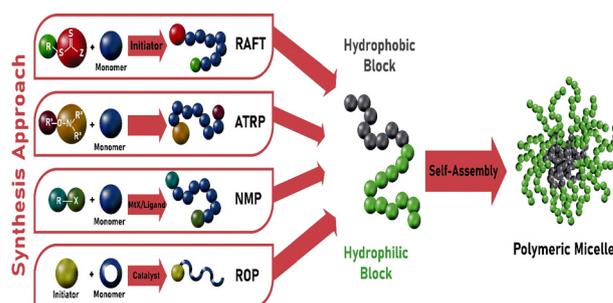


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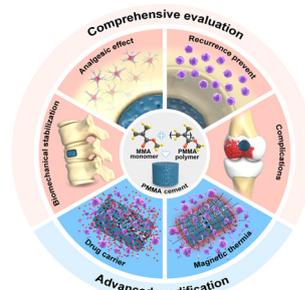


## REVIEWS

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### Comprehensive evaluation and advanced modification of polymethylmethacrylate cement in bone tumor treatment

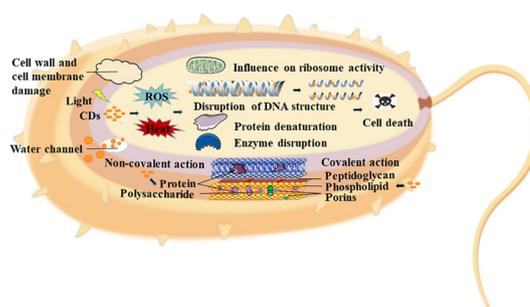
Bo Chao, Jianhang Jiao, Lili Yang, Yang Wang, Tong Yu, He Liu, Han Zhang, Mufeng Li, Wenjie Wang, Xiangran Cui, Shangyu Du, Zhonghan Wang\* and Minfei Wu\*



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### Antibacterial functionalized carbon dots and their application in bacterial infections and inflammation

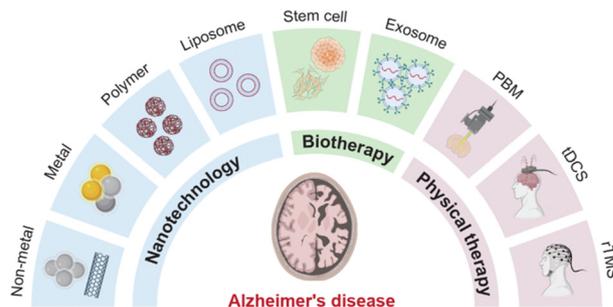
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Yajing Shen, Meng Wang, Shutang Li and Jinfei Yang\*

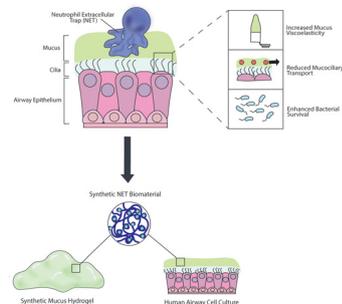


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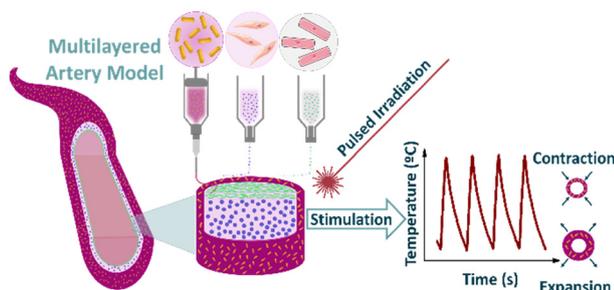
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### Engineering *in vitro* models of cystic fibrosis lung disease using neutrophil extracellular trap inspired biomaterials

Allison Boboltz, Sydney Yang and Gregg A. Duncan\*



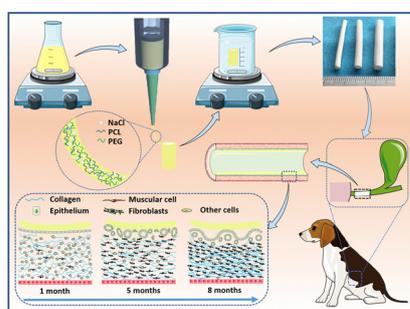
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### Remodeling arteries: studying the mechanical properties of 3D-bioprinted hybrid photoresponsive materials

Uxue Aizarna-Lopetegui, Clara García-Astrain, Carlos Renero-Lecuna, Patricia González-Callejo, Irune Villaluenga, Miguel A. del Pozo, Miguel Sánchez-Álvarez, Malou Henriksen-Lacey\* and Dorleta Jimenez de Aberasturi\*

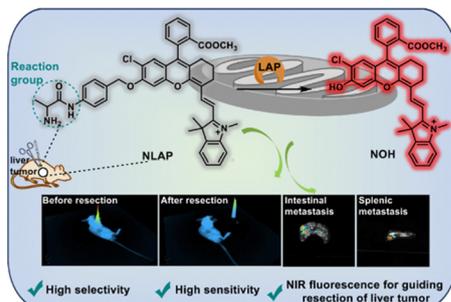
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Yu-Long Cai, Fang Nan, Guo-Tao Tang, Yuan Ma, Yi Ren, Xian-Ze Xiong, Rong-Xing Zhou, Fu-Yu Li, Nan-Sheng Cheng and Xia Jiang\*

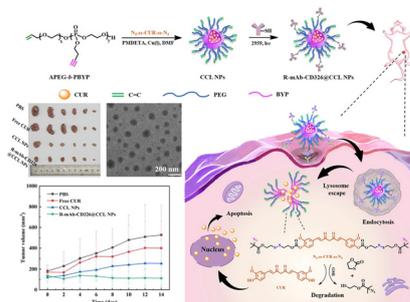
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Renfeng Jiang, Jiayu Zeng, Qian Liu, Songjiao Li,\* Longwei He\* and Dan Cheng\*

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### A CD326 monoclonal antibody modified core cross-linked curcumin-polyphosphoester prodrug for targeted delivery and cancer treatment

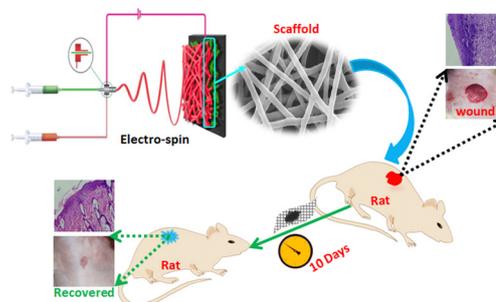
Haijiao Li, Mingzu Zhang, Jinlin He, Jian Liu, Xingwei Sun\* and Peihong Ni\*



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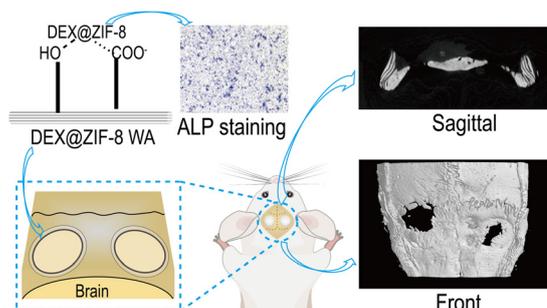
Koushik Dutta, Kunal Sarkar, Srikanta Karmakar, Bhuman Gangopadhyay, Arijita Basu, Sarbashri Bank, Sriparna De, Beauty Das,\* Madhusudan Das\* and Dipankar Chattopadhyay\*



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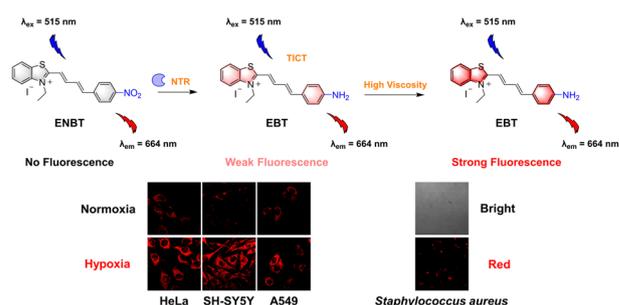
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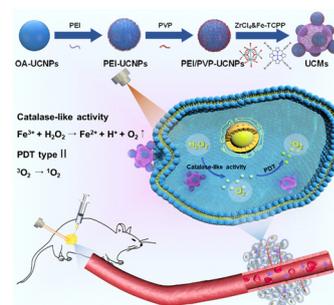
Yunfan Liu, Jiaying Li, Hongjin Huang and Yang Shu\*



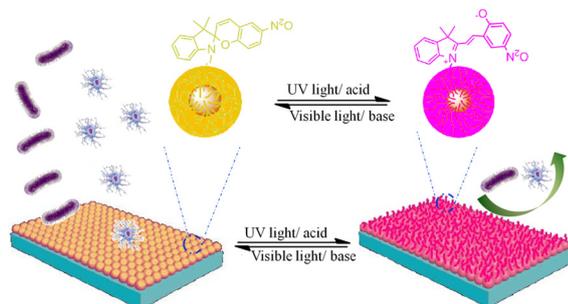
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### Dual ligand-assisted assembly of metal–organic frameworks on upconversion nanoparticles for NIR photodynamic therapy against hypoxic tumors

Xinyue Zhang, Jiasen Cui, Jinhui Liu, Xi Chen, Mingli Chen\* and Jianhua Wang\*



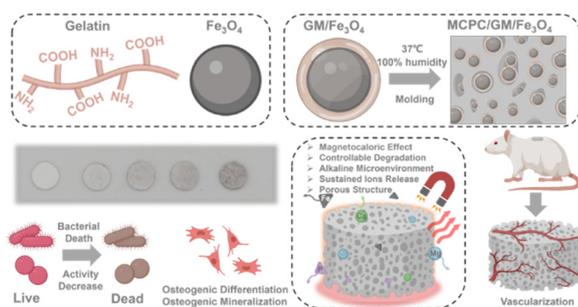
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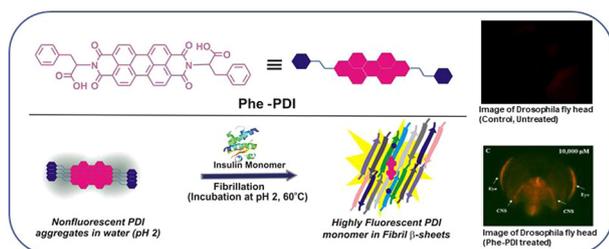
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### Multifunctional magnetocaloric bone cement with a time-varying alkaline microenvironment for sequential bacterial inhibition, angiogenesis and osteogenesis

Xiaokang Yao, Yanan Zhao, Wen Hou, Kai Huang, Manqi Yan, Rong Tu, Takashi Goto and Honglian Dai\*

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Nilotpal Barooah, Puja Karmakar, M. K. Sharanya, Monalisa Mishra,\* Achikanath C. Bhasikuttan\* and Jyotirmayee Mohanty\*

