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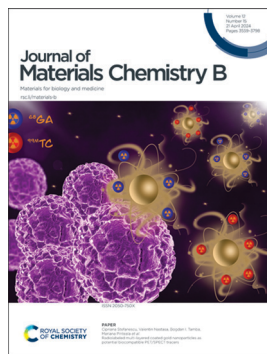
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EDITORIAL

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Functional framework materials for biomedical applications

Ross S. Forgan,* Ruxandra Gref* and Jianqiang Liu*

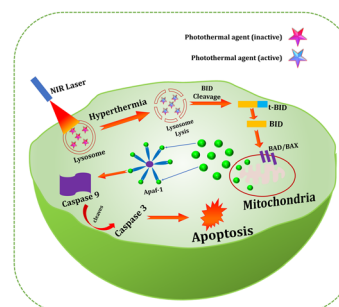


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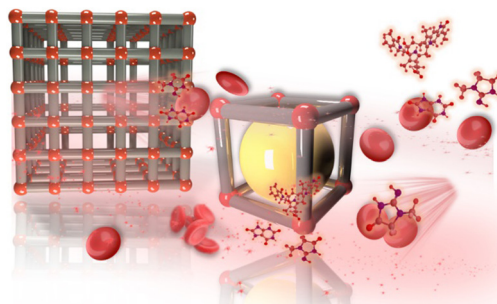


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Metal–organic framework-based adsorbents for blood purification: progress, challenges, and prospects

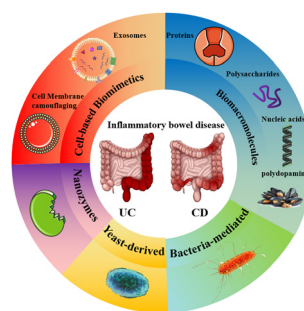
Jiemin Wang, Chong Cheng, Shudong Sun, Weifeng Zhao and Changsheng Zhao*



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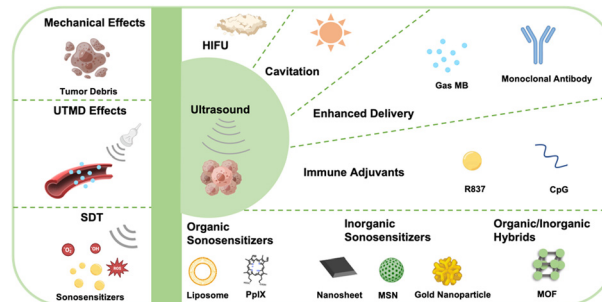
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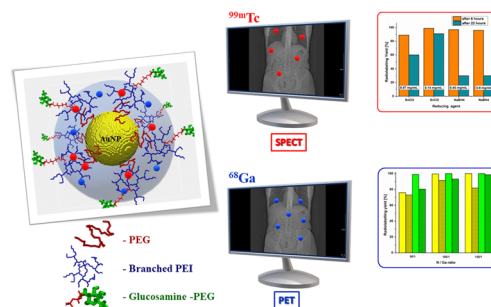


PAPERS

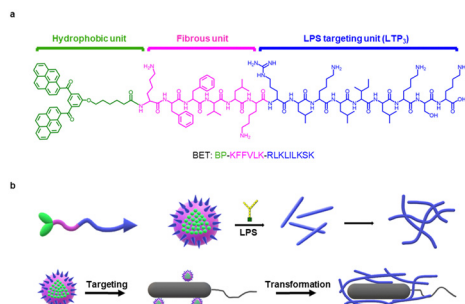
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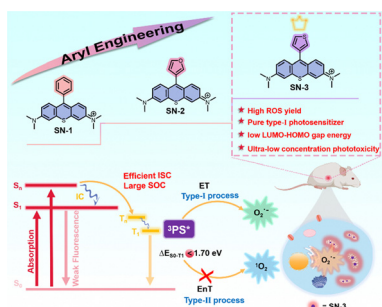
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A peptide selectively recognizes Gram-negative bacteria and forms a bacterial extracellular trap (BET) through interfacial self-assembly

Xiao-Ling Sha, Gan-Tian Lv, Qing-Hua Chen, Xin Cui, Lei Wang* and Xu Cui*

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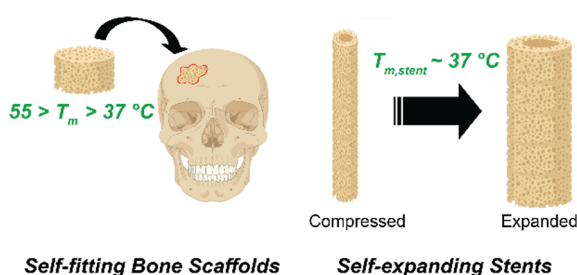


Rational design of type-I photosensitizer molecules for mitochondrion-targeted photodynamic therapy

Jiaxin Liang, Xiaoyun Ran, Yanhong Liu, Xiaoqi Yu, Shanyong Chen* and Kun Li*

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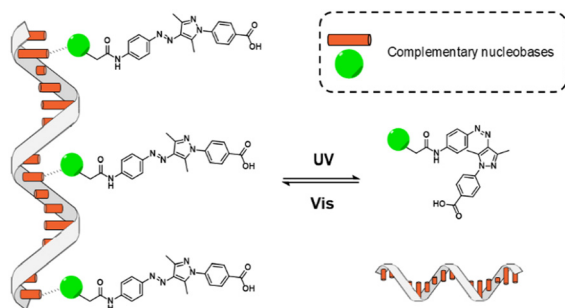
Tissue-safe star-PCL Scaffolds



Star-PCL shape memory polymer (SMP) scaffolds with tunable transition temperatures for enhanced utility

Courteney T. Roberts, Sarah K. Beck, C. Mabel Prejean, Lance M. Gaul, Duncan J. Maitland and Melissa A. Grunlan*

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Selectivity in the chiral self-assembly of nucleobase-arylazopyrazole photoswitches along DNA templates

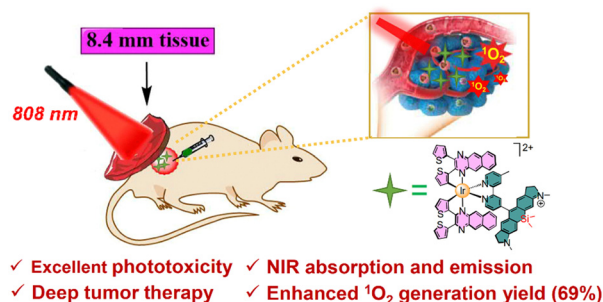
Noemí Nogal, Santiago Guisán, David Delleme, Mathieu Surin* and Andrés de la Escosura*



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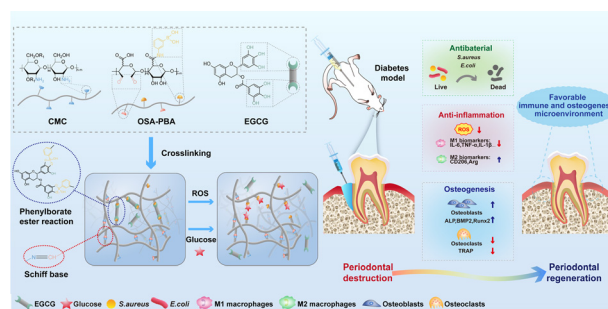
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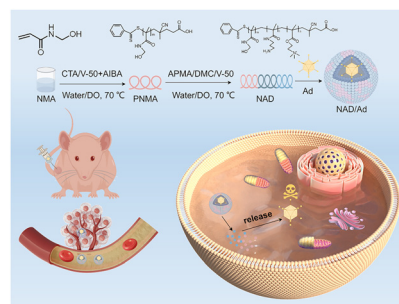
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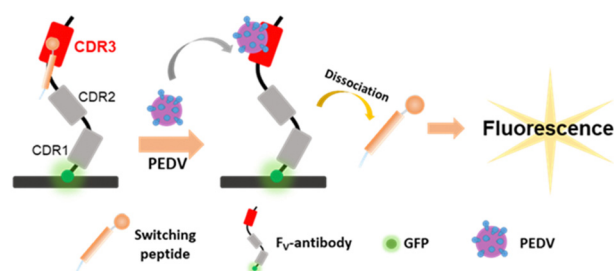
Gong Chen, Yuan Yuan, Ying Li, Qianyuan He, Zizhen Qin, Han Hu, Congcong Gao, Zushun Xu, Qi Xu,* Qinglei Gao* and Fei Li*



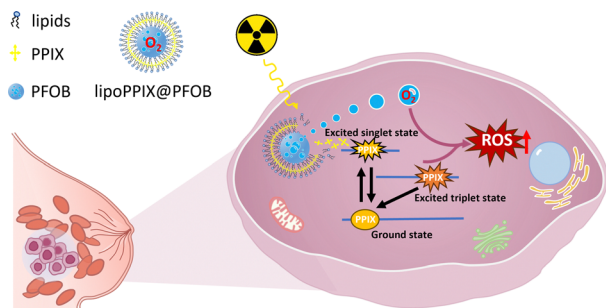
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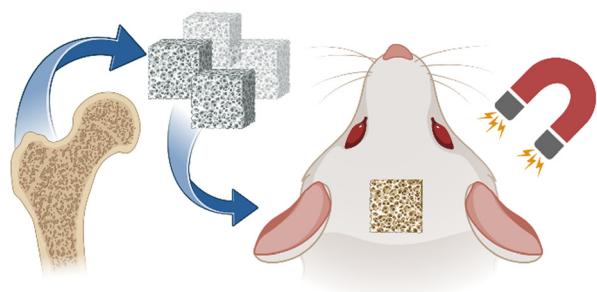
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Improved effectiveness of X-PDT against human triple-negative breast cancer cells through the use of liposomes co-loaded with protoporphyrin IX and perfluorooctyl bromide

Biyao Yang, Rui Sang, Yi Li, Ewa M. Goldys and Wei Deng*

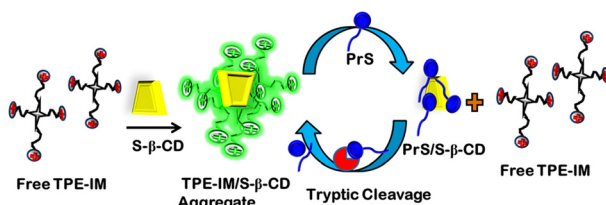
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Static magnetic field enhances the bone remodelling capacity of human demineralized bone matrix in a rat animal model of cranial bone defects

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Expanding the scope of self-assembled supramolecular biosensors: a highly selective and sensitive enzyme-responsive AIE-based fluorescent biosensor for trypsin detection and inhibitor screening

Jasvir Kaur, Harshad A. Mirgane, Vrushali S. Patil, Geetika M. Ahlawat, Sheshanath V. Bhosale and Prabhat K. Singh*

