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See Ren-Jei Chung *et al.*, pp. 3569–3593.
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EDITORIAL

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Functional framework materials for biomedical applications

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

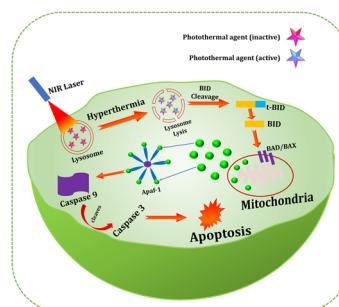


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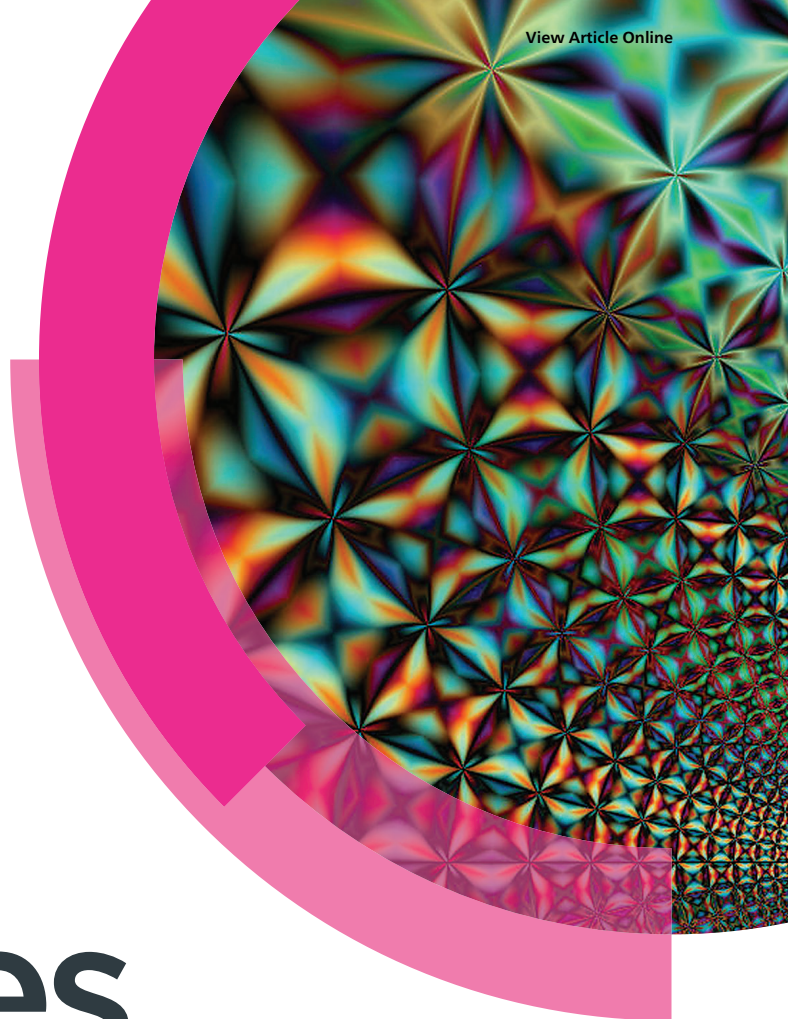


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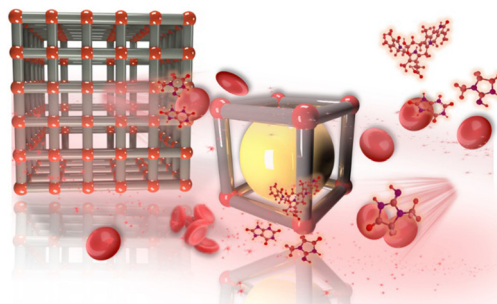


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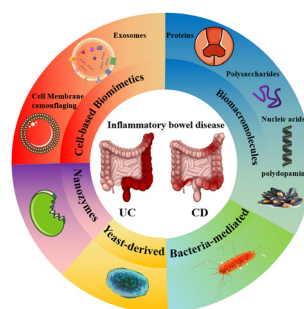
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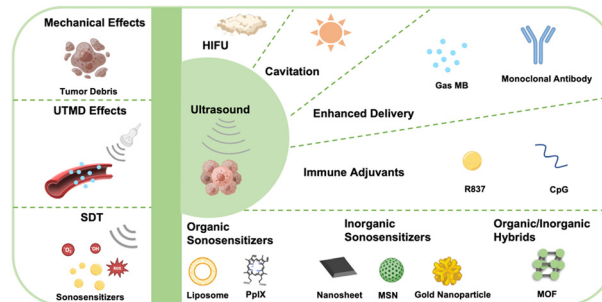
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Bingjie Liu, Fangxue Du, Ziyang Feng, Xi Xiang, Ruiqian Guo, Lang Ma, Bihui Zhu* and Li Qiu*

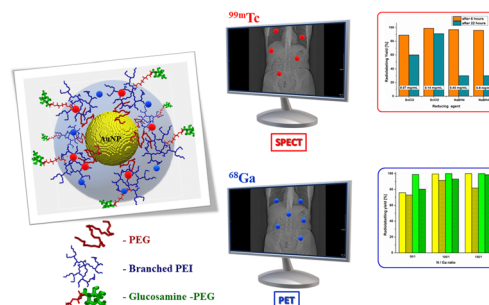


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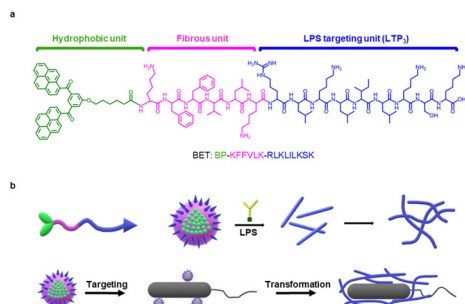
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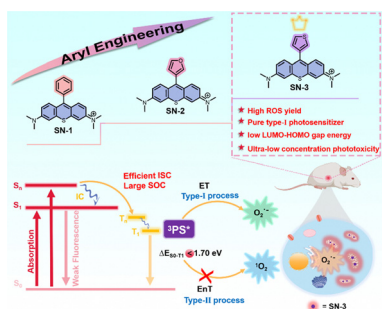
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A peptide selectively recognizes Gram-negative bacteria and forms a bacterial extracellular trap (BET) through interfacial self-assembly

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

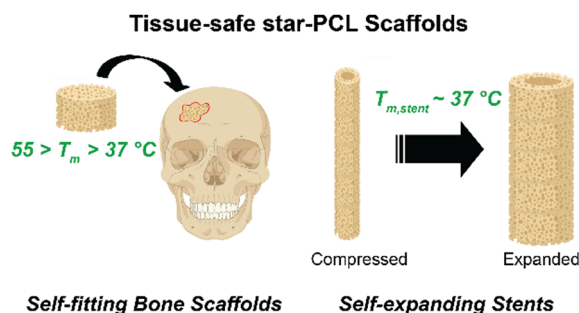
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Rational design of type-I photosensitizer molecules for mitochondrion-targeted photodynamic therapy

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

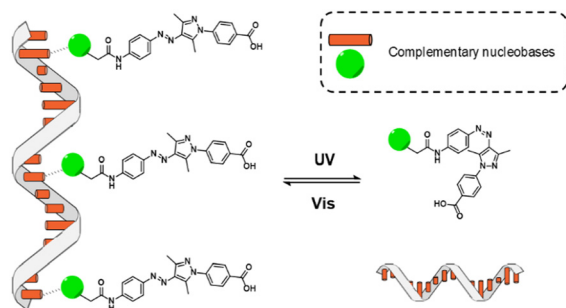
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Star-PCL shape memory polymer (SMP) scaffolds with tunable transition temperatures for enhanced utility

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

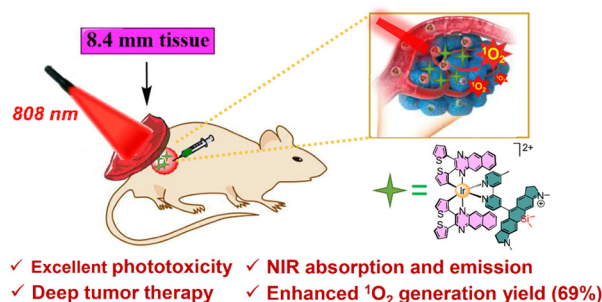


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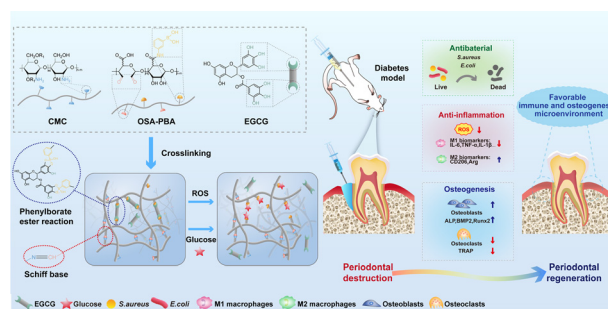
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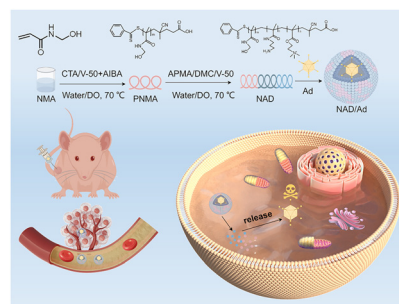
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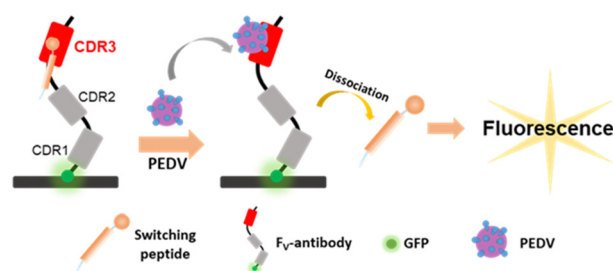
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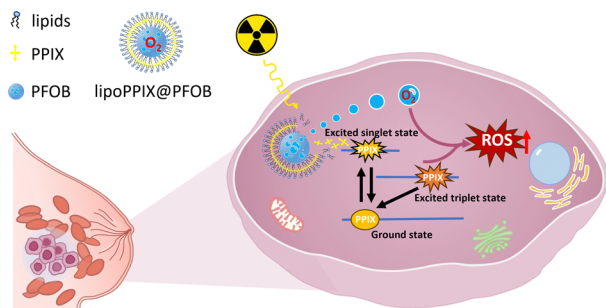
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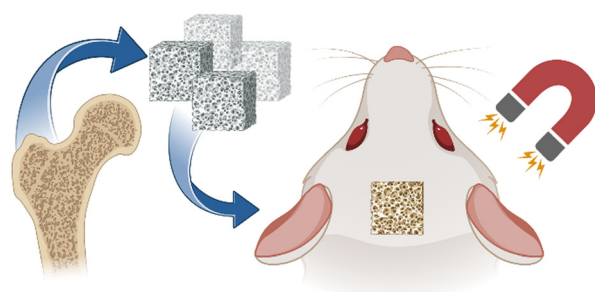
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Improved effectiveness of X-PDT against human triple-negative breast cancer cells through the use of liposomes co-loaded with protoporphyrin IX and perfluorooctyl bromide

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

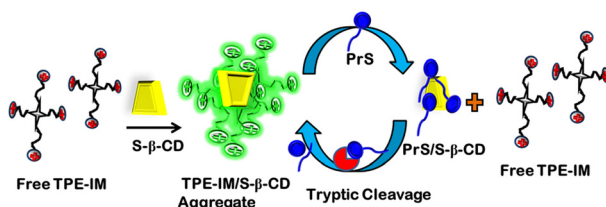
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Static magnetic field enhances the bone remodelling capacity of human demineralized bone matrix in a rat animal model of cranial bone defects

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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

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