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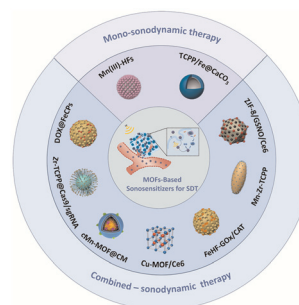


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Recent progress in metal–organic framework-based sonosensitizers for sonodynamic tumor therapy

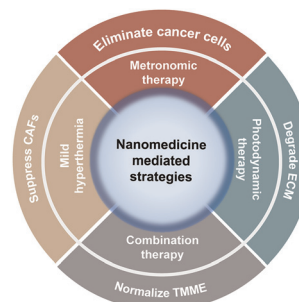
Qin Jiang, Xinran Gao, Wen Zhang and Zhigang Chen*



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Modulating tumor mechanics with nanomedicine for cancer therapy

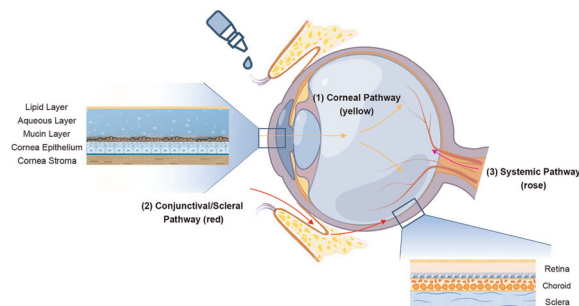
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Yun Su, Xianqun Fan* and Yan Pang*

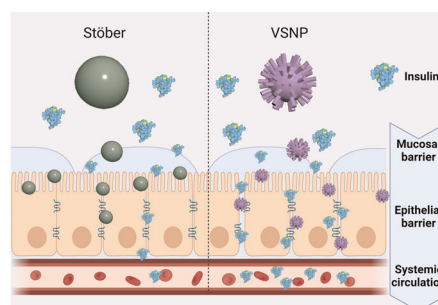


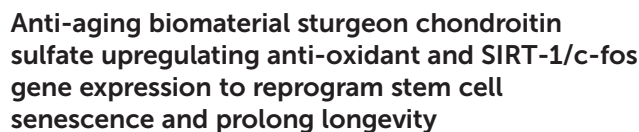
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Virus-like silica nanoparticles enhance macromolecule permeation *in vivo*

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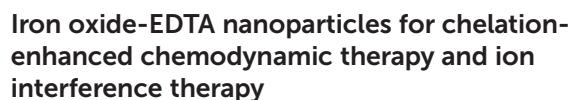
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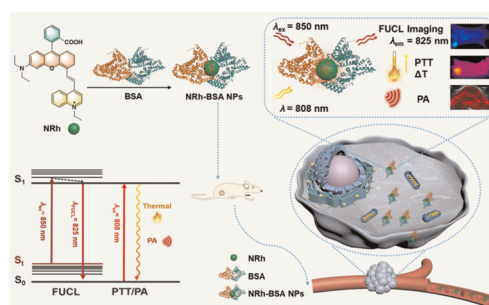
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Albumin-based near-infrared phototheranostics for frequency upconversion luminescence/ photoacoustic dual-modal imaging-guided photothermal therapy

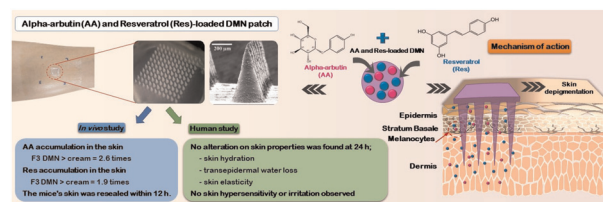
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Fabrication of polyvinyl pyrrolidone-K90/Eudragit RL100-based dissolving microneedle patches loaded with alpha-arbutin and resveratrol for skin depigmentation

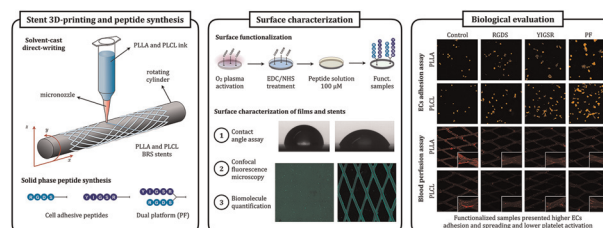
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Functionalization of 3D printed polymeric bioresorbable stents with a dual cell-adhesive peptidic platform combining RGDS and YIGSR sequences

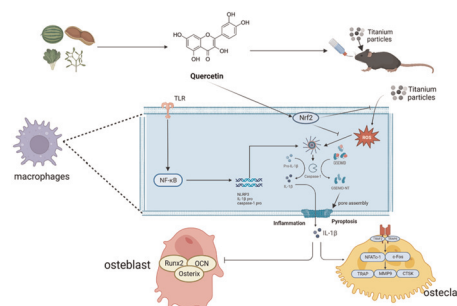
Victor Chausse, Carlos Mas-Moruno, Helena Martín-Gómez, Marc Pino, Maribel Díaz-Ricart, Ginés Escolar, Maria-Pau Ginebra and Marta Pegueroles*



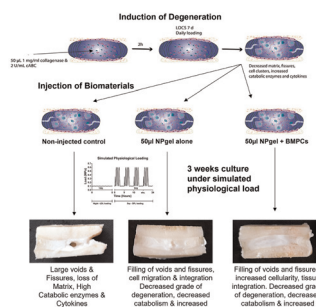
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Quercetin alleviates nanoparticle-induced osteolysis via deactivating pyroptosis

Yu Cheng, Zhijian Zhao, Sheng Zhang, Yanglin Wu, Zhou Han, Lijun Li, Yun Teng, Jun Lin,* Naicheng Liu,* Shuangjian He* and Huilin Yang*



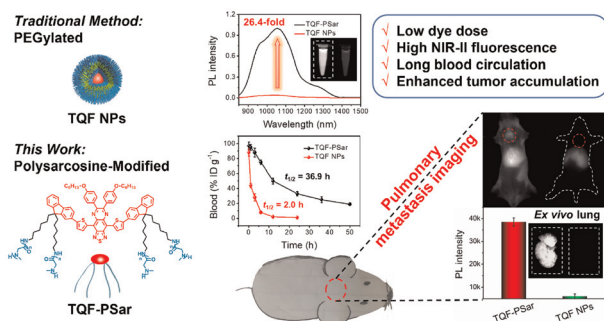
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Injectable biomaterial induces regeneration of the intervertebral disc in a caprine loaded disc culture model

Joseph W. Snuggs, Kaj S. Emanuel, Christine Rustenburg, Ronak Janani, Simon Partridge, Christopher Sammon, Theo H. Smit and Christine L. Le Maitre*

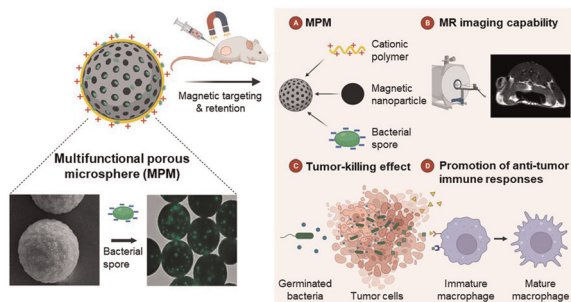
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Stealth-like polysarcosine-modified nanoparticles with low dye doses and long blood circulation for efficient breast cancer pulmonary metastasis imaging

Shangyu Chen, Peng Zhou, Wan Yang, Danni Hu, Pengfei Chen, Pengfei Sun,* Jun Ling* and Quli Fan*

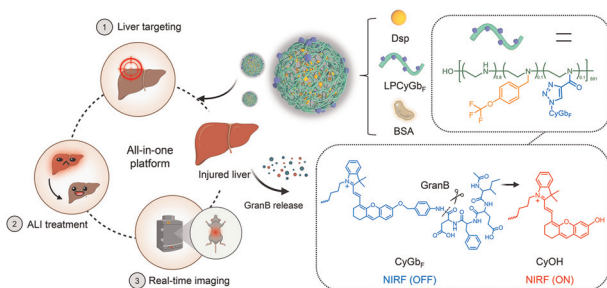
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Multifunctional porous microspheres encapsulating oncolytic bacterial spores and their potential for cancer immunotherapy

Ga-Hyun Bae, Young-Hyun Ryu, Jieun Han, Song Hee Kim, Chun Gwon Park, Jung-Hoon Park, Dong-Hyun Kim, Hong Jae Chon, Chan Kim, Sung-Wook Choi* and Wooram Park*

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A facile theragnostic nano-platform for the effective treatment and real-time imaging of acute liver injury

Huixin Li, Kai Hao, Jiayan Wu, Chaoliang He, Shasha He,* Huayun Tian* and Xuesi Chen

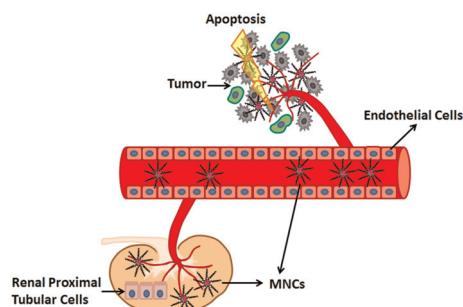


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Toxicity and efficacy of green tea catechin derivative-based micellar nanocomplexes for anticancer protein delivery

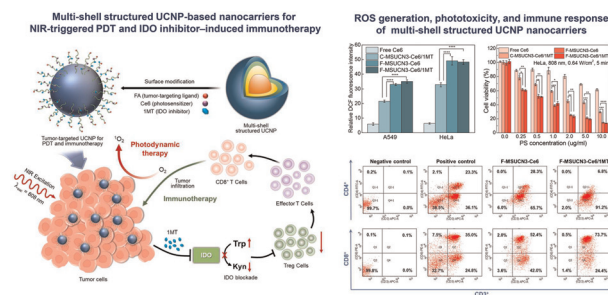
Sijing Xiong, Susi Tan, Peng Huang, Yao Li, Joo Eun Chung, Motoichi Kurisawa, Daniele Zink* and Jackie Y. Ying*



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Multi-shell structured upconversion nanocarriers that combine IDO inhibitor-induced immunotherapy with NIR-triggered photodynamic therapy for deep tumors

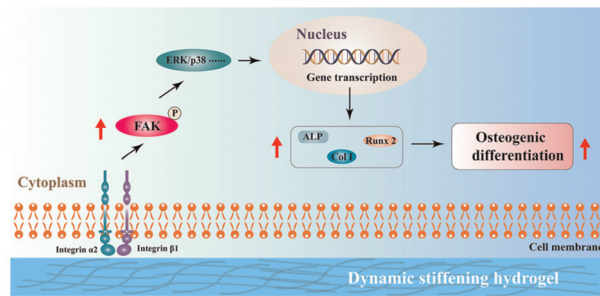
Jongseon Choi and So Yeon Kim*



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Dynamic-stiffening collagen-coated substrate enhances osteogenic differentiation of mesenchymal stem cells through integrin $\alpha 2 \beta 1$

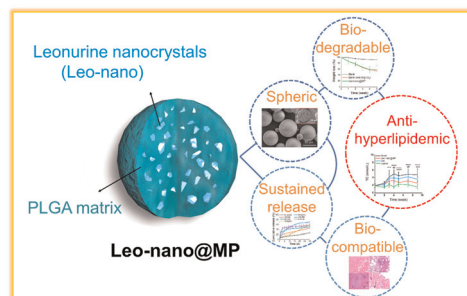
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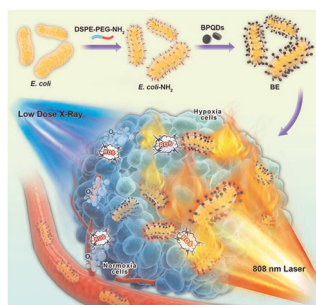


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Bacteria-targeted delivery of black phosphorus quantum dots facilitates photothermal therapy against hypoxic tumors and complementary low-dose radiotherapy

Pengchao Ji, Jinghua Chen, Hao Wang, Linfei Shi,*
Xudong Tang* and Yanhong Duo

