

Biomaterials Science

An international high impact journal exploring the underlying science behind the function, interactions and design of biomaterials

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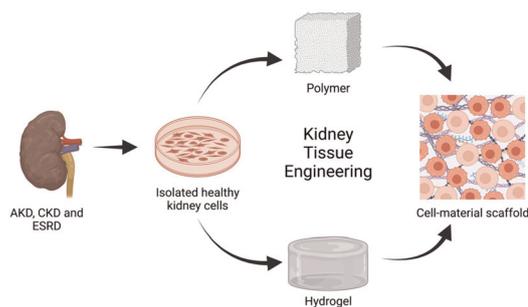
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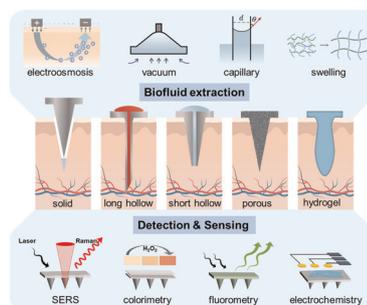
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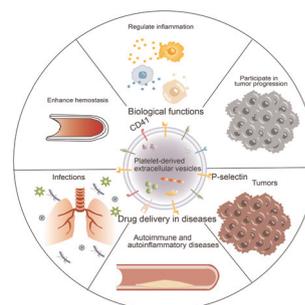


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Platelet-derived extracellular vesicles for drug delivery

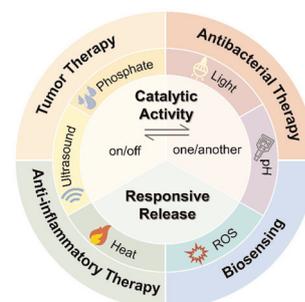
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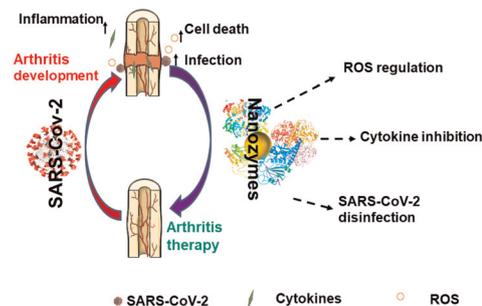
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Development of nanozymes for promising alleviation of COVID-19-associated arthritis

Dan Li,* Baofeng Zhao, Pengfei Zhuang and Xifan Mei*

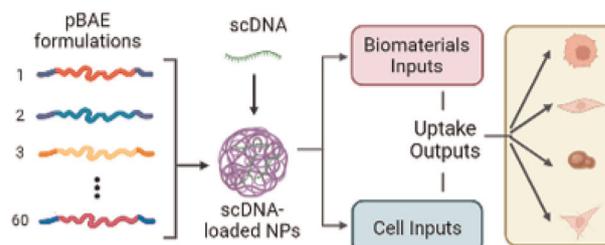


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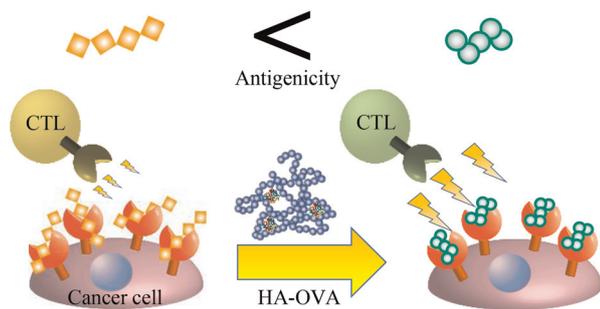
A machine learning approach to predict cellular uptake of pBAE polyplexes

Aparna Loecher, Michael Bruyns-Haylett, Pedro J. Ballester, Salvador Borros and Nuria Oliva*



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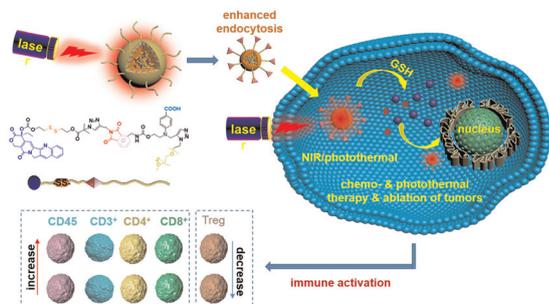
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Modification of the antigenicity of cancer cells by conjugates consisting of hyaluronic acid and foreign antigens

Soichi Ogata, Reika Tsuji, Atsushi Moritaka, Shoya Ito and Shinichi Mochizuki*

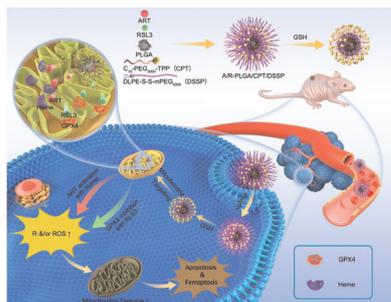
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Synergistic chemo-photo anticancer therapy by using reversible Diels–Alder dynamic covalent bond mediated polyprodrug amphiphiles and immunoactivation investigation

Jinhao Yan, Wenlong Jiang, Guijie Kang, Qingjie Li, Longxiang Tao,* Xuefu Wang* and Jun Yin*

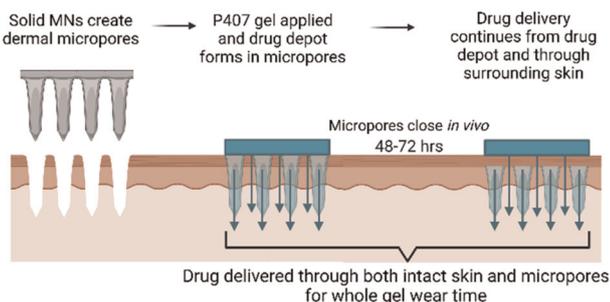
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Hui Yu, Jia-Mi Li, Kai Deng, Wei Zhou, Kun-Heng Li, Cai-Xia Wang, Qian Wang, Meng Wu* and Shi-Wen Huang*

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Thermosensitive biomaterial gels with chemical permeation enhancers for enhanced microneedle delivery of naltrexone for managing opioid and alcohol dependency

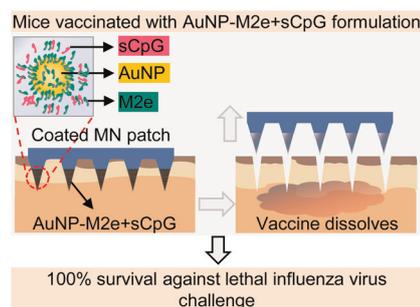
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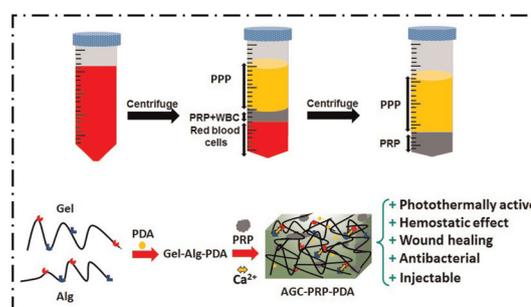
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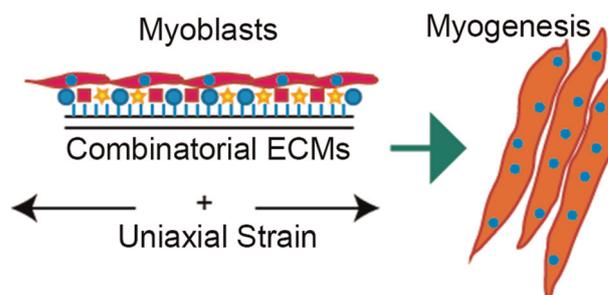
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Combinatorial extracellular matrix cues with mechanical strain induce differential effects on myogenesis *in vitro*

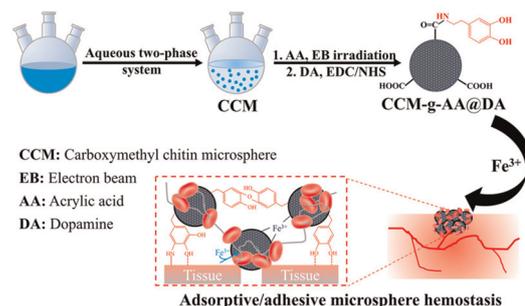
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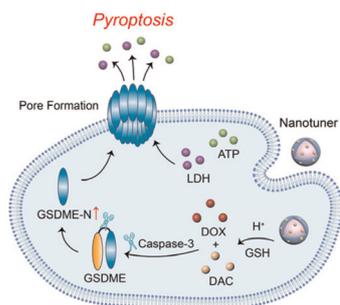
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Fan Leng, Taotao Li, Tongfei Li, Cong Xie* and Xulin Jiang*



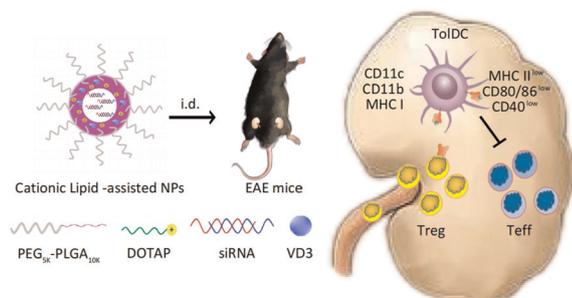
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Metal–organic-framework-based pyroptosis nanotuner with long blood circulation for augmented chemotherapy

Weichu Zhu, Jian Xu, Xianxian Yao, Shuting Mai, Dan Shu and Wuli Yang*

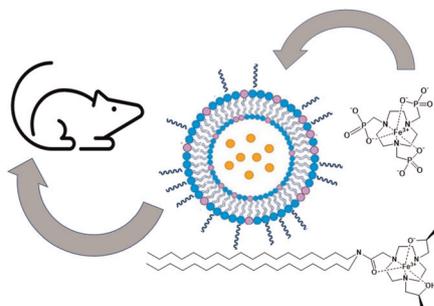
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Co-delivery of vitamin D3 and Lkb1 siRNA by cationic lipid-assisted PEG-PLGA nanoparticles to effectively remodel the immune system *in vivo*

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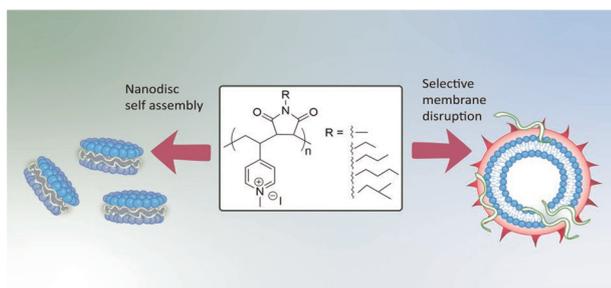
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Membrane interaction and selectivity of novel alternating cationic lipid-nanodisc assembling polymers

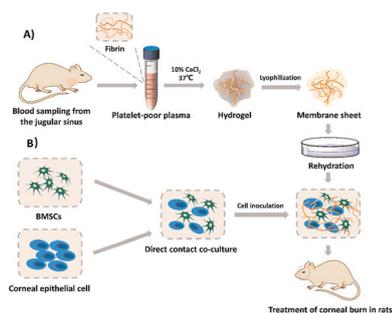
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Liqun Song, Xue Yang and Huifei Cui*



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Biomimetic-binding liposomes with dual antibacterial effects for preventing and treating dental caries

Zhongling Luo, Yan Lin, Xiaoling Zhou, Lingling Yang, Zijun Zhang, Zerong Liu, Meiling Zhou, Jun Jiang, Jianming Wu, Zhongbing Liu,* Pei Jing* and Zhirong Zhong*

