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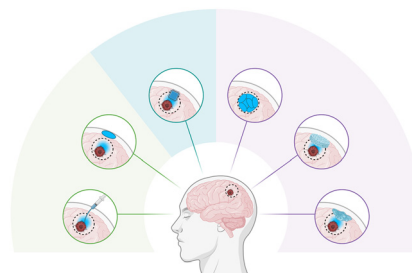
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REVIEWS

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Revolutionizing biosensing with wearable microneedle patches: innovations and applications

Navid Rabiee*



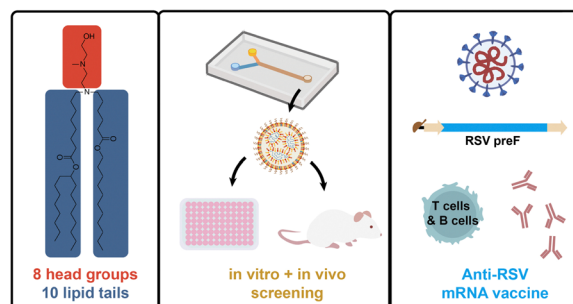
Biosensing with Wearable Microneedle Patches

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Injection site-retained lipid nanoparticles for targeted intramuscular delivery of mRNA RSV prefusion-F vaccine

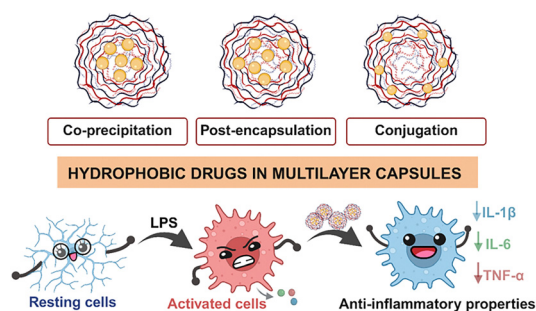
Xichao Chen, Honglei Zhang, Dongyang Liu, Jingxuan Ma, Lijie Jin, Yuqing Ma, Jing Li, Gengshen Song* and Juxian Wang*



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Polypeptide-based multilayer capsules with anti-inflammatory properties: exploring different strategies to incorporate hydrophobic drugs

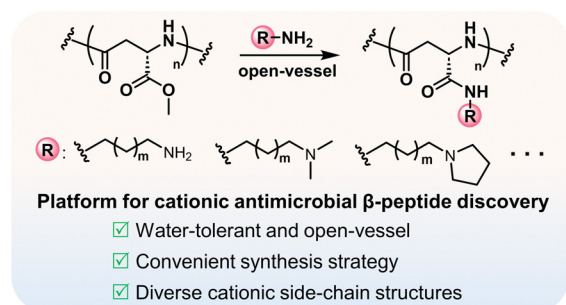
Maria Angela Motta, Sergio Martin-Saldaña, Ana Beloqui, Marcelo Calderón* and Aitor Larrañaga*



5315

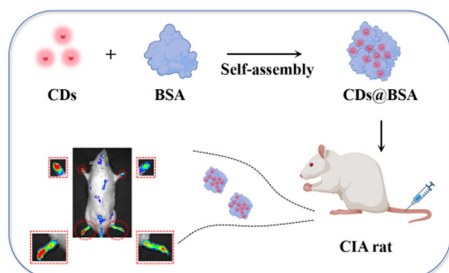
An effective approach to obtain functional poly-β-peptides for combating drug-resistant bacterial infections

Sheng Chen, Zhengjie Luo, Min Zhou,* Ximian Xiao, Zihao Cong, Jiayang Xie, Yueming Wu, Haodong Zhang, Xuebin Zhao, Gonghua Song and Runhui Liu*



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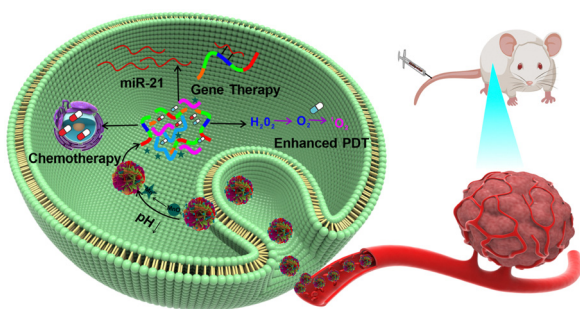
Targeted Fluorescence Imaging of CIA Synovium



Efficient red-emitting carbon dots and albumin composites for precise synovial bioimaging in rheumatoid arthritis

Haojie Li, Longlong Wang, Ke Xiao and Qian He*

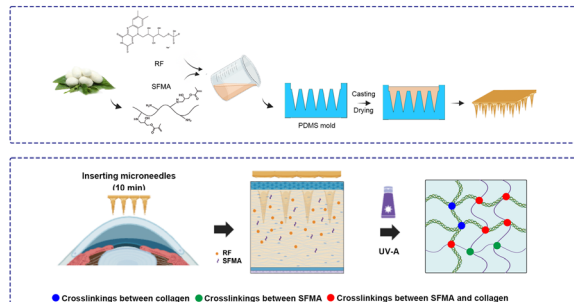
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A self-catabolic smart DNAzyme nanocapsule for amplified chemo-photodynamic therapy

Rencun Liu, Yuanyuan Wang, Chen Wu, Weicai Wang* and Xuemei Li*

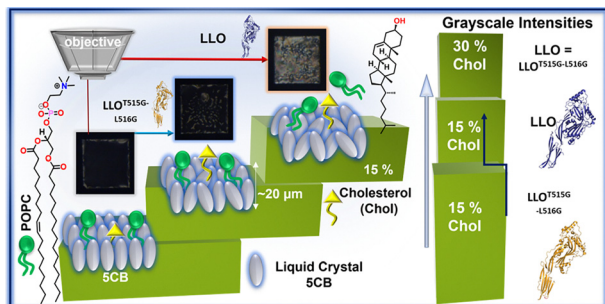
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A dissolving microneedle patch enables minimally invasive riboflavin delivery and enhances corneal crosslinking in keratoconus therapy

Lin Ye, Zhongwu Bei, Tingyu Yang, Yang Xu, Meng Pan, Hanzhi Deng, Xicheng Li, Longqian Liu* and Zhiyong Qian*

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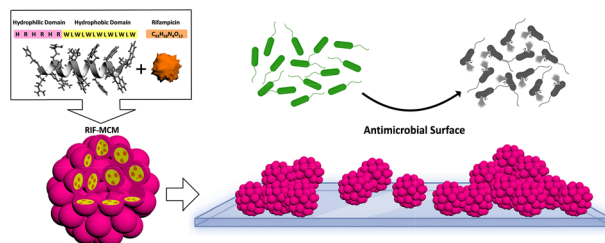
Utilizing an aqueous-liquid crystal interface to investigate membrane protein interactions and mutation effects of a pore-forming toxin

Tarang Gupta, Kusum Lata, Kausik Chattopadhyay* and Santanu Kumar Pal*



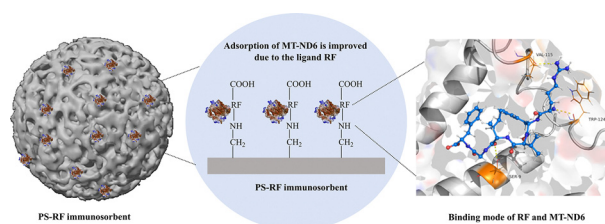
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Cora-Ann Schoenenberger and Cornelia G. Palivan*

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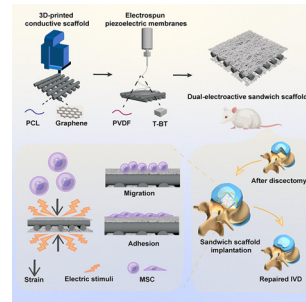
Computer-aided design of short peptide ligands targeting *N*-formyl peptide MT-ND6: potential application in treating severe inflammatory diseases

Wenhui Zong, Zhuang Liu, Zibo Yang, Lin Cheng,
Mengrou Shi, Guixian Zhang, Xiaolin Wang, Jian Chen,
Xiaohui Wang,* Lailiang Ou* and Wenzhong Li*



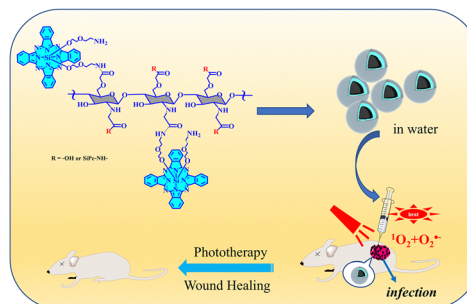
A self-powered sandwich-structured scaffold with dual-electroactive properties to regenerate damaged intervertebral discs after discectomy

Jing Wang, Leizhen Huang, Tao Guo, Zheng Liu,
Huilun Xu, Hao Yang, Limin Liu, Ganjun Feng* and
Li Zhang*



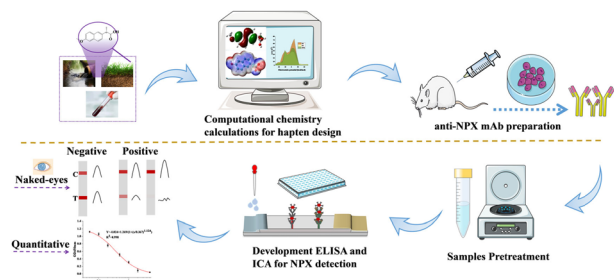
Bacteria-visualizing nano-bactericide with anti-inflammation and wound healing properties for *in situ* NIR phototherapeutic strategies

Sen Zhang, Ailin Wu, Ancheng Ouyang, Guixue Lian,
Gaoqiang Ma, Lin Wang, Hao Guo, Dongjiao Zhang,*
Jianzhuang Jiang* and Wei Liu*



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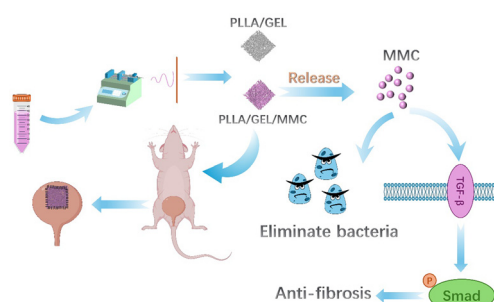
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Hapten design, monoclonal antibody preparation, and immunoassay development for rapid detection of naproxen

Qingqing Liu, Xinxin Xu, Aihong Wu, Chuanlai Xu* and Hua Kuang*

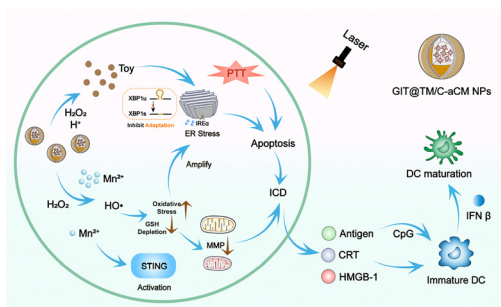
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Poly(L-lactic acid)/gelatin microfiber membrane loaded with mitomycin C promoting bladder defect repair by anti-fibrosis and antibacterial action

Lunjie Zhao, Jianyou Xia, Congcong Yang, Jianping Tao, Shanfu Zhang, Wentao Hu, Chen Zhang, Jiuwu Zhang, Qiang Li* and Yujie Xu*

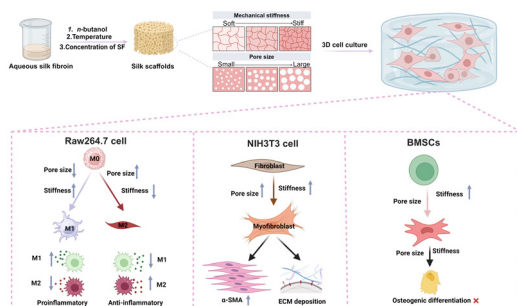
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A biomimetic therapeutic nanovaccine based on dendrimer–drug conjugates coated with metal–phenolic networks for combination therapy of nasopharyngeal carcinoma: an *in vitro* investigation

Zhiyun Liu, Xiaochun Deng, Zhiqiang Wang, Yunqi Guo, Meera Moydeen Abdul Hameed, Mohamed EL-Newehy, Jianjun Zhang,* Xiangyang Shi* and Mingwu Shen*

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Controllable fabrication of silk fibroin porous scaffolds and their regulation on cellular behaviours

Menglin Xiao, Liangyan Sun, Hao Fu, Wenhua Yang, Jinrong Yao, Zhengzhong Shao, Shengjie Ling, Bingjiao Zhao* and Xin Chen*



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Yttrium-90-doped metal–organic frameworks (MOFs) for low-dose rate internal radiation therapy of tumors

Xiaoli Qi, Anzhelika Fedotova, Zhihao Yu, Anna Polyanskaya, Ningfei Shen, Bayirta Egorova, Dmitry Bagrov, Tatiana Slasnikova, Andrey Rosenkranz, Gilles Patriarche, Yurii Nevolin, Anastasia Permyakova, Stanislav Fedotov, Mathilde Lepoitevin, Stepan Kalmykov, Christian Serre and Mikhail Durymanov*

