

Biomaterials Science

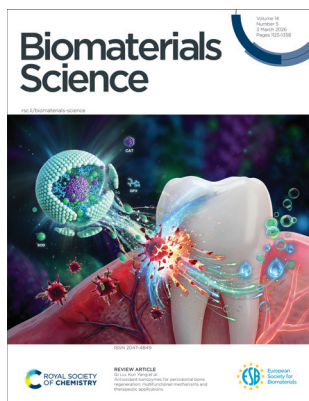
An international high impact journal exploring the underlying science behind the function, interactions and design of biomaterials

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Cover
See Qi Liu, Kun Yang *et al.*,
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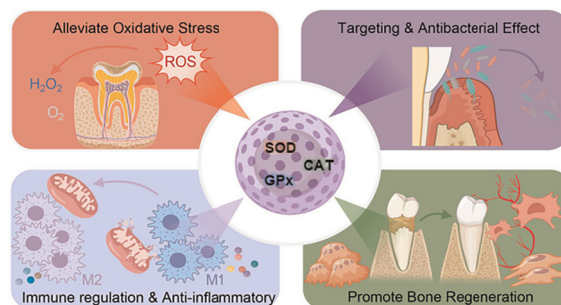
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REVIEWS

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Antioxidant nanozymes for periodontal bone regeneration: multifunctional mechanisms and therapeutic applications

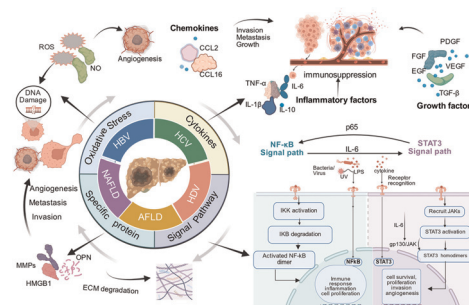
Xiaoyi Liu, Ruixue Cheng, Yan Huang, Li Chen, Maolin Li, Ying Xia, Lan Huang, Qi Liu* and Kun Yang*



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Hongyan Dong, Meiyu Shao, Zhen Tao, Zikang Wang, Zengguang Gao, Wenxiu Qiu and Mengyun Peng*



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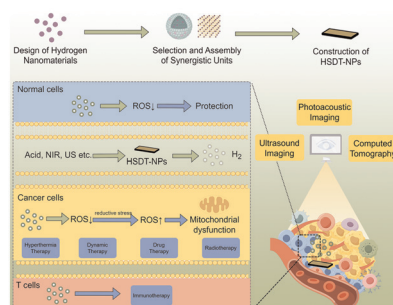
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REVIEWS

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New progress in hydrogen-synergistic diagnostic and therapeutic nanoplateforms for tumor treatment

Mingkang Shi, Yu Duan, Jiawen Sun, Mengyao Li, Yaxin Wu, Wenbo Zhao* and Chun Mao*

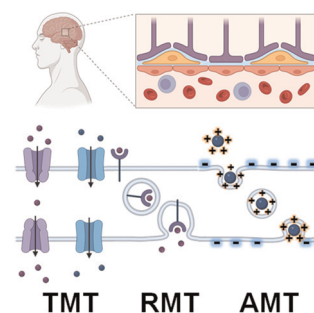


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Translational roadmap of BBB-targeted nanoparticle strategies for neuroregenerative therapy in neurodegenerative diseases

Sohui Lee, Jiyeon Lee and Kangwon Lee*

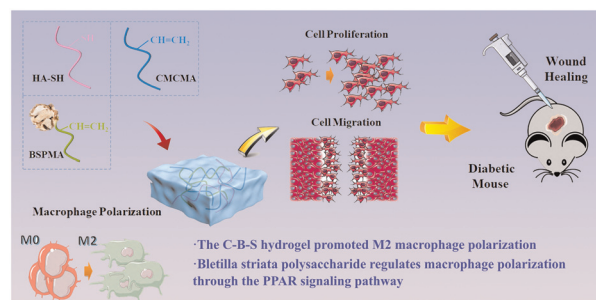


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A dual-network *Bletilla striata* polysaccharide hydrogel for PPAR-mediated macrophage polarization and accelerated diabetic wound healing

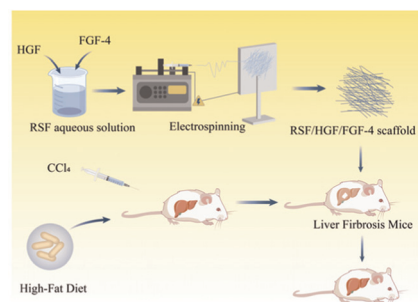
Shan Yu, Ling Wang, Zhenbo Peng, Yanjun Chen* and Peifang Xu*



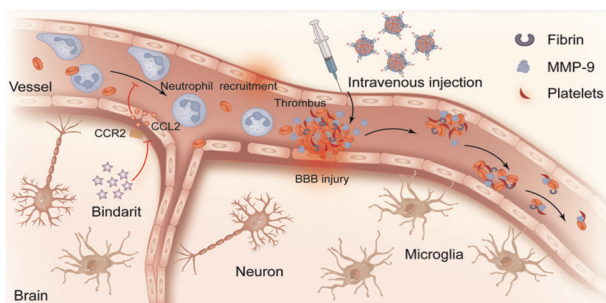
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Silk fibroin scaffolds loaded with growth factors can reverse liver fibrosis

Jingyi Wang, Zhanbo Wang, Shuo Zhao, Daxu Zhang, Jingjing Hu, Weilong Li, Xiaonan Shi, Shujun Ye, Xiaojiang Liu, Yaopeng Zhang* and Li Yan*



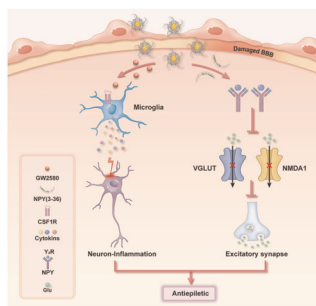
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tPLGA nanoparticles combined with CCL2/CCR2 inhibitor mitigate post-thrombotic hemorrhagic transformation

Feiyang Luo, Jingmei Pan, Zhenhua Wang, Che Qing, Xi Xiao, Xing Guo* and Shaobing Zhou

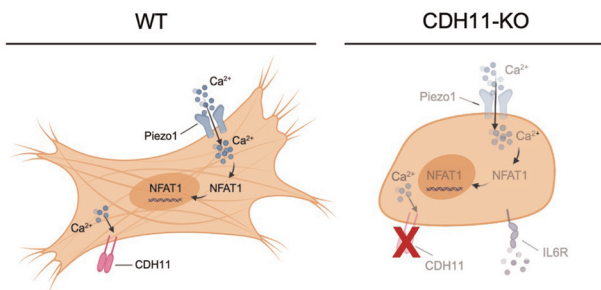
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Synergistic pharmacotherapy for epilepsy: NPY (3–36)-modified ZIF-90 nanoparticles co-delivering GW2580

Peipei Cao, Chao Geng, Xinghui Ren, Xiaoqi Chu, Yiting Zhai, Wenyu Li* and Changxin Wu*

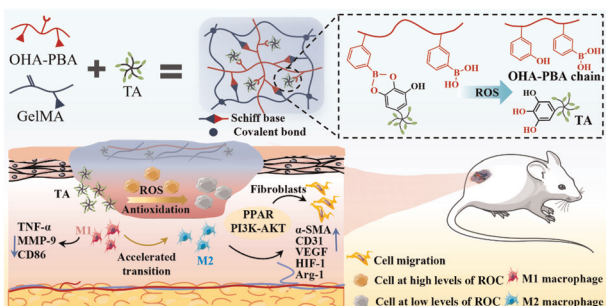
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Cadherin-11 integrates Piezo1 and interleukin-6 signaling to promote fibroblast activation

Leilani R. Astrab and Steven R. Caliari*

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An ROS-responsive antioxidant hydrogel with immunomodulatory activity for promoting diabetic wound healing

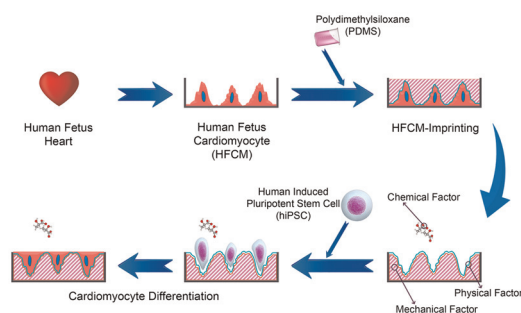
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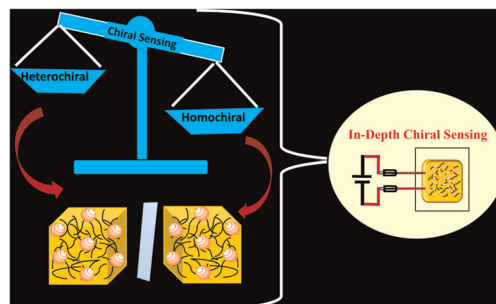
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Sapna Waghmare, Umarfaruk S. Sayyad, Arunavo Chatterjee and Somen Mondal*



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pH-responsive polydopamine-shelled 3D-printed chitosan/collagen hydrogel integrating exosomes and an enzyme/peptide cascade for diabetic wound healing

Yunxia Du, Di Xiao, Changle Ren, Zhenlan Li, Xiaofeng Wang, Yantao Zhao* and Yongmei Jiang*

