

Biomaterials Science

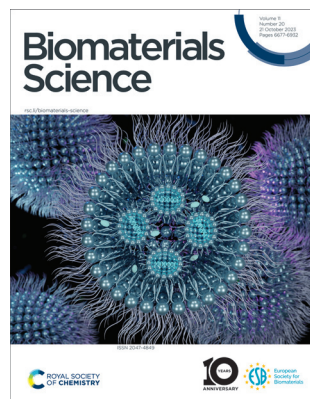
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Ryan Donnelly, Ester Caffarel-Salvador, Harvinder Gill and Hyungil Jung

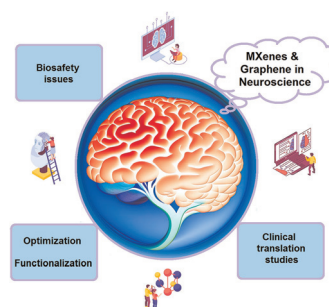


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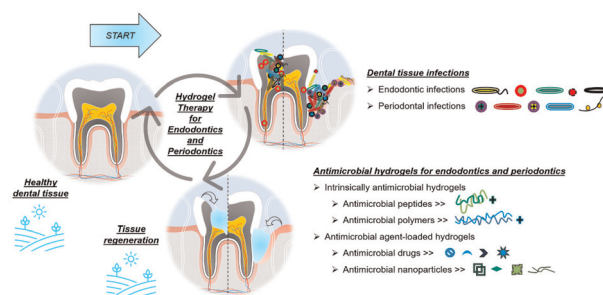


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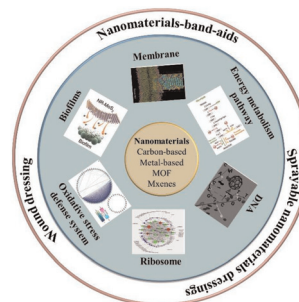
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Wanfeng Wu, Mengjiao Duan, Shuxuan Shao, Fanxing Meng, Yanan Qin* and Minwei Zhang*

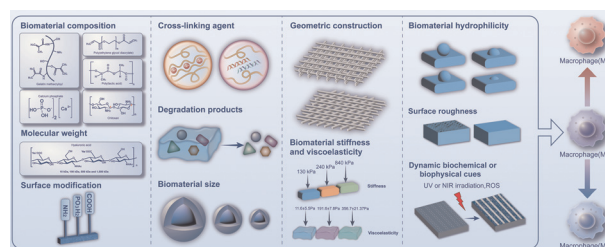


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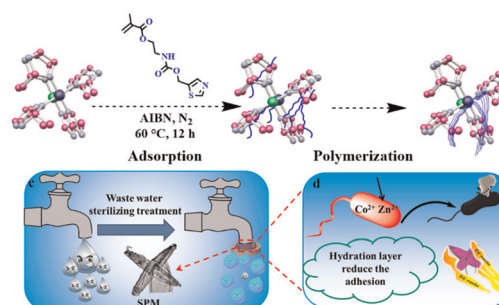
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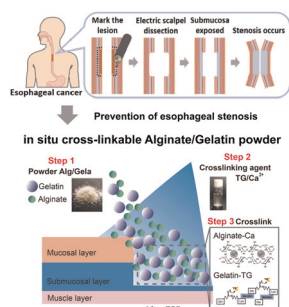
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Yaping Zhang, Duoxin Zhang, Yuanze Geng, Yufeng He, Pengfei Song and Rongmin Wang*



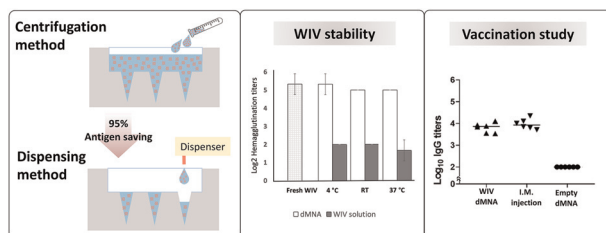
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Qi Pan, Yosuke Tsuji, Athira Sreedevi Madhavikutty, Seiichi Ohta, Ayano Fujisawa, Natsuko F. Inagaki, Mitsuhiro Fujishiro and Taichi Ito*

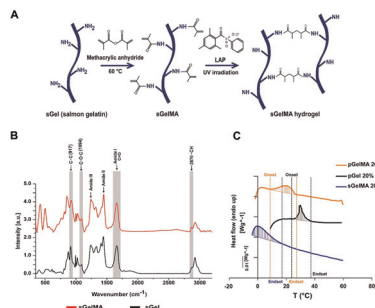
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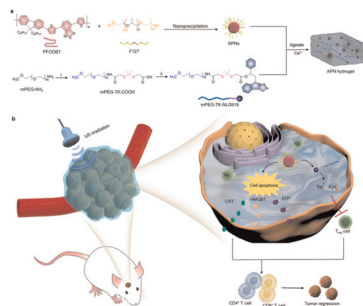
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Liyun Zhu, Xing Wang, Mengbin Ding, Ningyue Yu, Yijing Zhang, Hongwei Wu,* Qin Zhang,* Jiansheng Liu* and Jingchao Li*

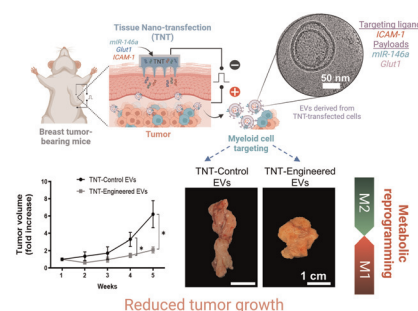


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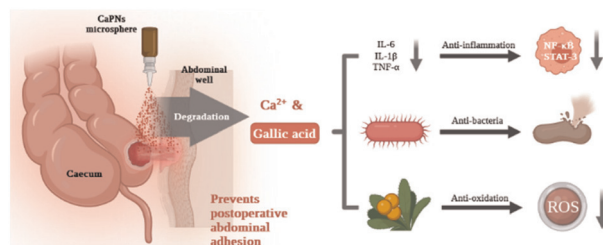
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Multifunctional calcium polyphenol networks reverse the hostile microenvironment of trauma for preventing postoperative peritoneal adhesions

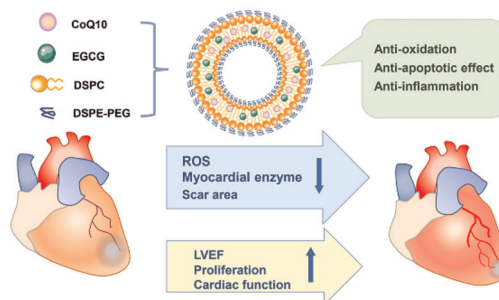
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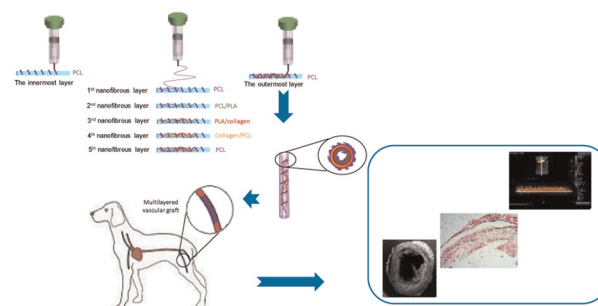
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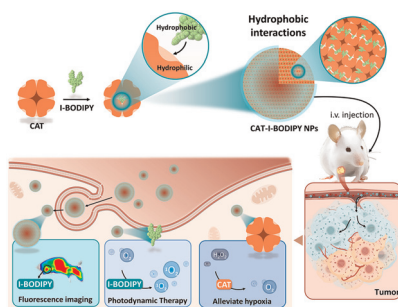
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Preclinical *in vivo* assessment of a cell-free multi-layered scaffold prepared by 3D printing and electrospinning for small-diameter blood vessel tissue engineering in a canine model

Mehdi Atari, Abbas Saroukhani, Maziar Manshaei, Peiman Bateni, Anousheh Zargar kharazi, Elham Vatankhah* and Shaghayegh Haghighi Javanmard*



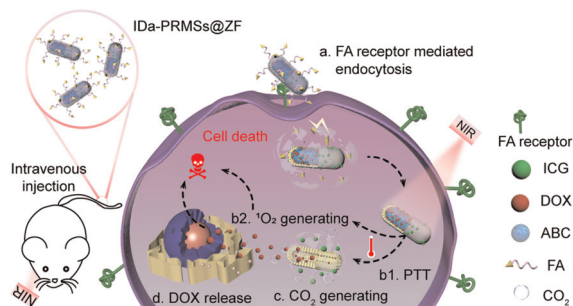
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Multifunctional protein-based self-assembled nanoplateform: overcoming hypoxic tumor microenvironment for enhanced imaging-guided photodynamic therapy

Min Li, Ziyi Cheng, Heng Liu, Kun Dou, Huan Xiao,*
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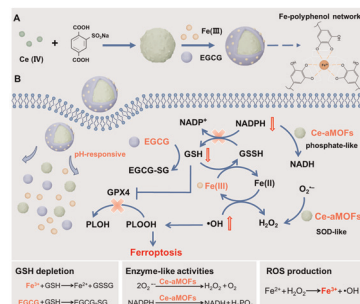
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Wei Zhang, Lu Chen, Xianbin Zhang, Peng Gong,
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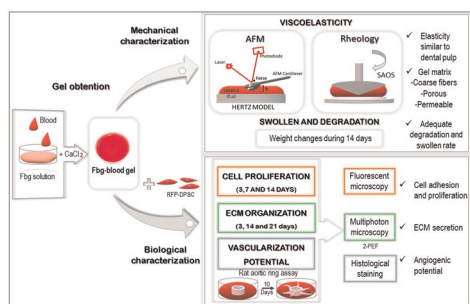
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GSH-depleting metal-polyphenol-network nanoparticles with dual enzyme activities induce enhanced ferroptosis

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Biomechanical characterization of a fibrinogen-blood hydrogel for human dental pulp regeneration

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