

Journal of Materials Chemistry B

Materials for biology and medicine

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See Yoshihiro Ito *et al.*, pp. 9155–9162.
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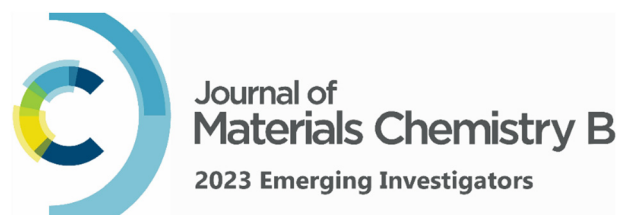
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See Zhaoshen Li, Jiang Chang, Haojie Huang *et al.*, pp. 9163–9178.
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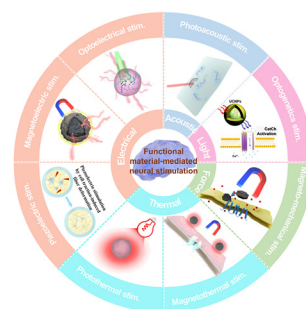


REVIEWS

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Functional material-mediated wireless physical stimulation for neuro-modulation and regeneration

Jialu Li, Chengheng Wu, Mingze Zeng, Yusheng Zhang, Dan Wei, Jing Sun and Hongsong Fan*



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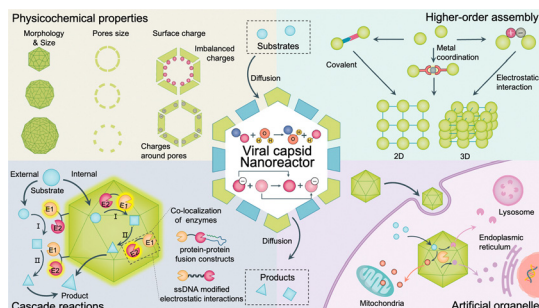


REVIEWS

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Virus-like particles nanoreactors: from catalysis towards bio-applications

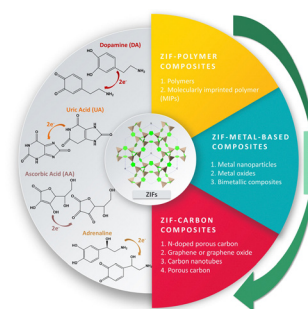
Yuqing Su, Beibei Liu, Zhenkun Huang, Zihao Teng, Liulin Yang, Jie Zhu, Shuaidong Huo* and Aijie Liu*



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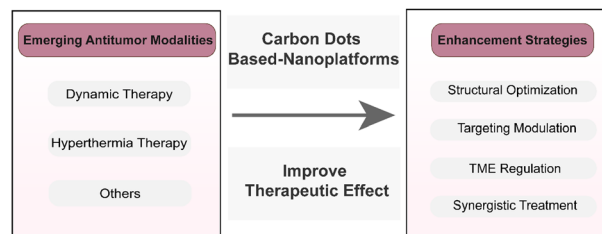
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Recent strategies of carbon dot-based nanodrugs for enhanced emerging antitumor modalities

Xu Chu, Mengdie Duan, Huaying Hou, Yujuan Zhang, Pai Liu, Hongli Chen, Yi Liu* and Shu-Lan Li*

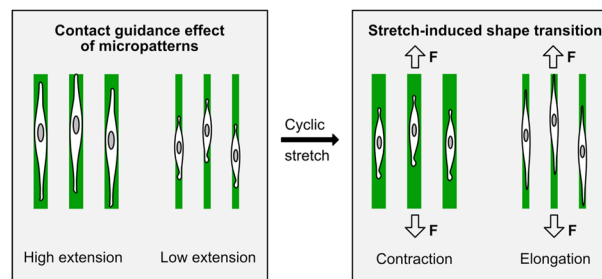


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Cyclic stretch modulates the cell morphology transition under geometrical confinement by covalently immobilized gelatin

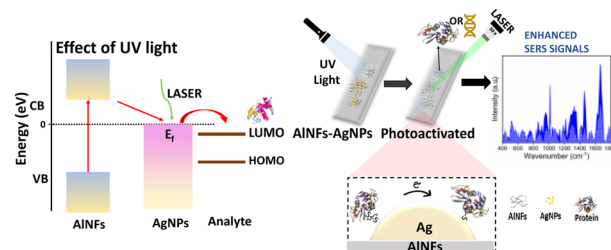
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Photoactivated plasmonic nanohybrid fibers with prolonged trapping of excited charge carriers for SERS analysis of biomolecules

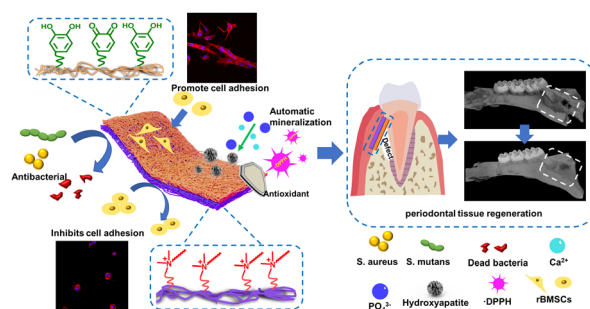
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Janus functional electrospun polyurethane fibrous membranes for periodontal tissue regeneration

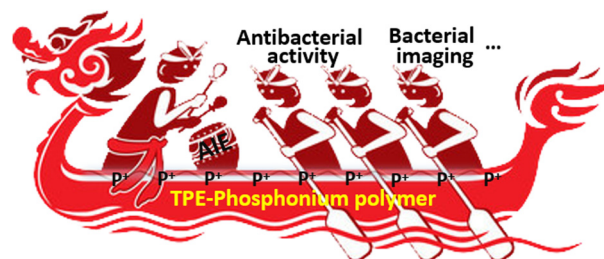
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A fluorescent quaternary phosphonium main-chain-type polymer: an opportunity to fabricate functional materials with excellent antibacterial activity and bacterial imaging capability

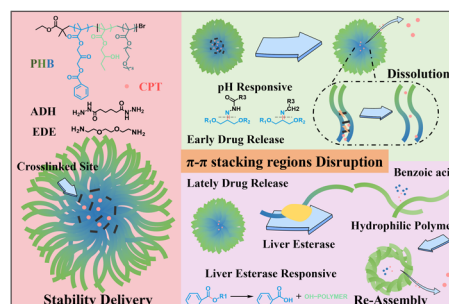
Jiawei Lv, Saicuo Wang, Chunxuan Qi, Muheman Li, Yuqing Sun, Yuan Yang, Cheng Zeng, Richao Shen and Hengchang Ma*



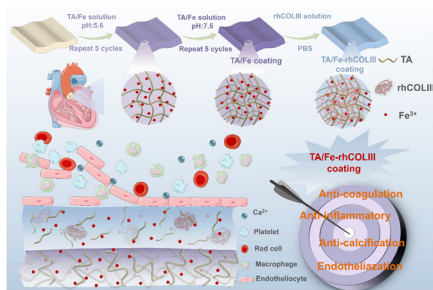
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Fusheng Zhang, Gongcui Pei, Baihao Huang, Jianchang Xu and Lijuan Zhang*



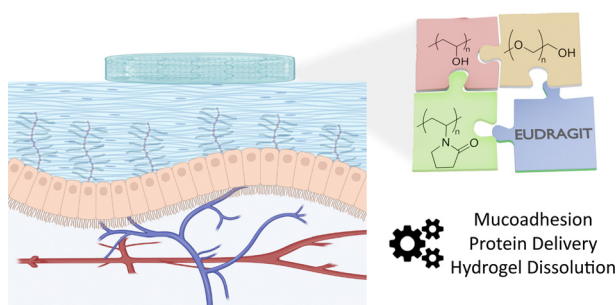
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Postfunctionalization of biological valve leaflets with a polyphenol network and anticoagulant recombinant humanized type III collagen for improved anticoagulation and endothelialization

Haoshuang Wu, Kaiyang Huang, Mengyue Hu, Nuoya Chen, Yumei Qin, Jian Wang, Rifang Luo, Li Yang* and Yunbing Wang

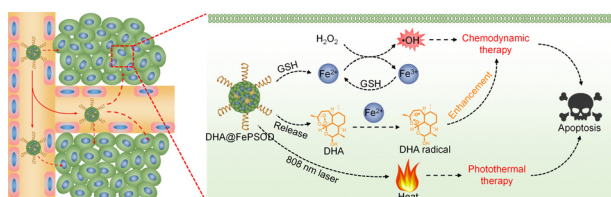
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The role of Eudragit® as a component of hydrogel formulations for medical devices

David Esporrin-Ubieto, Ana Sofia Sonzogni, Mercedes Fernández, Arantxa Acera, Eider Matxinandiarena, Juan F. Cadavid-Vargas, Itxaso Calafel, Ruth N. Schmarsow, Alejandro J. Müller, Aitor Larrañaga and Marcelo Calderón*

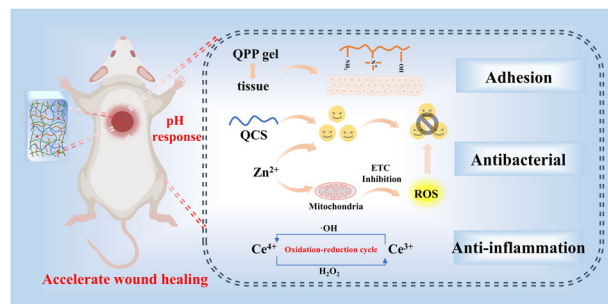
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Iron-chelated semiconducting oligomer nanoparticles for NIR-II fluorescence imaging-guided enhanced chemodynamic/photothermal combination therapy

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A pH-responsive ZC-QPP hydrogel for synergistic antibacterial and antioxidant treatment to enhance wound healing

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Nuernisha Alifu,* Rong Ma, Lijun Zhu, Zhong Du, Shuang Chen, Ting Yan, Gulinigaer Alimu, Linxue Zhang and Xueliang Zhang*

