

Biomaterials Science

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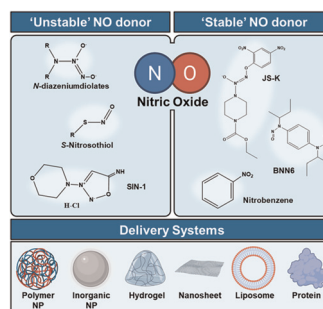
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Engineering delivery platforms for controlled nitric oxide release

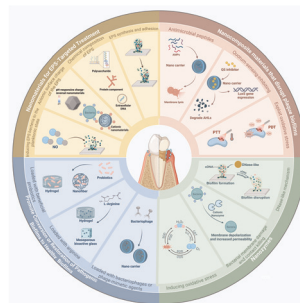
Sang-Hun Choi, Chae Yeon Han, Kyeong Jin Cho, Kangmin No and Jihoon Kim*



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Dental plaque biofilm-targeting composite nanomaterials: advances and outlook

Jiaxuan Zhao, Shengyuan Huang, Yongjia Yang, Jilei Wang, Qianqian Guo, Yueming Xu, Bingyin Jiang* and Jiang Lin*



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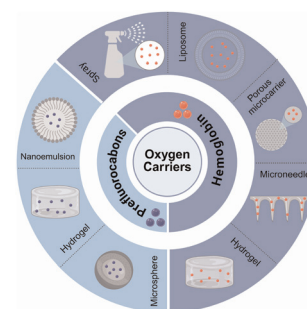
Fundamental questions
Elemental answers

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Oxygen carriers: core strategies for modulating hypoxic microenvironments and promoting healing in chronic wounds

Meilin Liu, Yuzhi Chen, Kai Zhu, Shiyu Tao, Yao Xiao, Lian Zhao* and Lianju Ma*

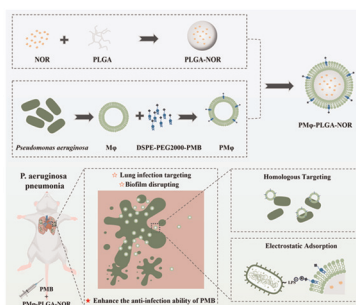


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Norharmane-loaded bacterial cytoplasmic membrane-coated nanoparticles synergistically enhance polymyxin B against *Pseudomonas aeruginosa* infections by disrupting biofilms

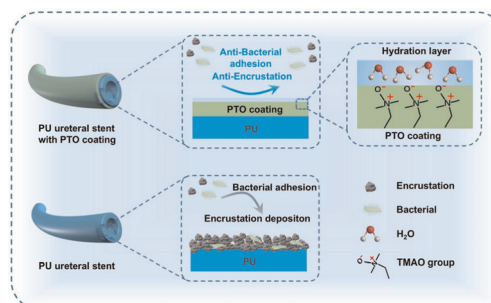
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A superhydrophilic zwitterionic hydrogel coating for enhancing long-term anti-bacterial adhesion and anti-encrustation properties of ureteral stents

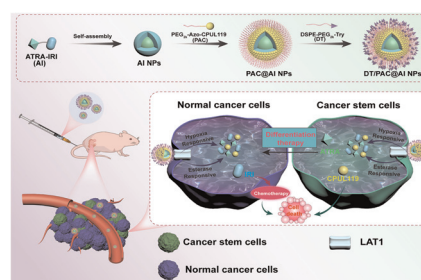
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A multiple-responsive nano-prodrug combining chemo-differentiation–cancer stem cell inhibition toward triple-negative breast cancer

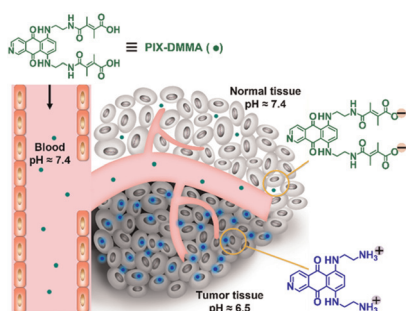
Yanting Li, Mengdan Ning, Haoping Long, Jiayi Zuo, Jinqiu Liang, Ting Yuan, Feng Cao,* Yong Yin* and Feng Jiang*



"Chemo-differentiation-cancer stem cells inhibition" nano-prodrug platform against triple-negative breast cancer



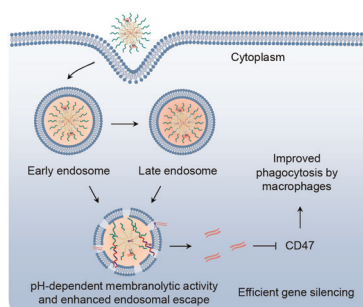
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A charge-reversal prodrug activated by tumor-acidity for selective cancer chemotherapy

Bing Liu, Guanchun Wang,* Quanjun Yang, Yang Yu, Yue Su, Wei Huang, Ping Wang, Deyue Yan* and Ping Huang*

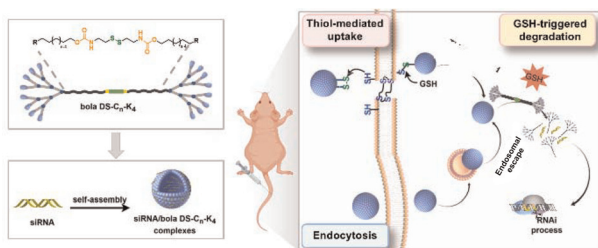
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A pH-ultrasensitive membranolytic polymer-assisted delivery system for enhanced siRNA delivery

Yue Yu, Houbing Zhang, Xianzhu Yang, Jun Wang, Menghua Xiong* and Xiaojiao Du*

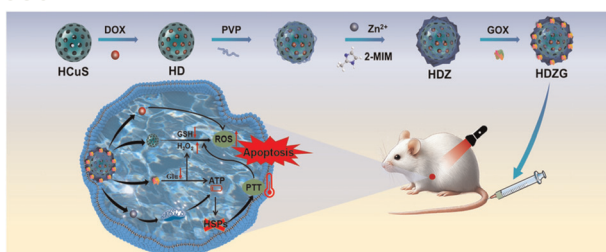
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Glutathione-activatable bola dendrimers mediate tumor-specific cytosolic siRNA delivery via dynamic thiol-disulfide exchange

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Self-enhanced multifunctional nanoplatforms for tumor-specific synergistic therapy via NIR-induced mild photothermal and chemodynamic effects

Xi Zhang, Zhiping Song, Yu Han, Jingtong An, Qishan Xu, Xiangyan Chen* and Yantao Li*

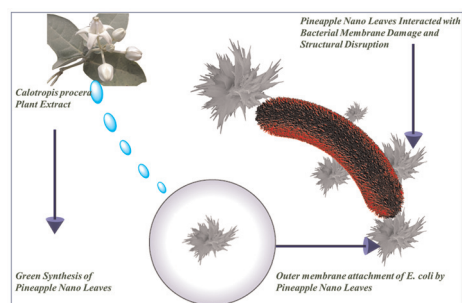


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Calotropis procera flower extracts: a green approach to zinc oxide with a pineapple-like nanoleaf morphology for biological applications

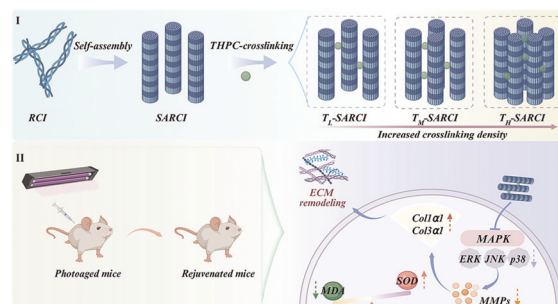
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Injectable crosslinked recombinant collagen nanofiber implants enable robust regenerative repair of photoaged skin

Nannan Wei, Yuchen Zhang, Xinyu Tian, Linyan Yao and Jianxi Xiao*



CORRECTION

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Correction: Ciprofloxacin-loaded bioadhesive hydrogels for ocular applications

Islam A. Khalil, Bahram Saleh, Dina M. Ibrahim, Clotilde Jumelle, Ann Yung, Reza Dana and Nasim Annabi*

