Journal of Materials Chemistry B

Materials for biology and medicine

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Cover
See Wei Yang, Lixing Zhao, Zhihe Zhao *et al.*, pp. 79–96.
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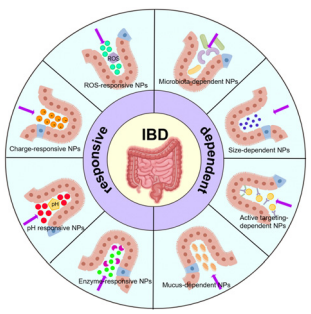
EDITORIAL

REVIEWS



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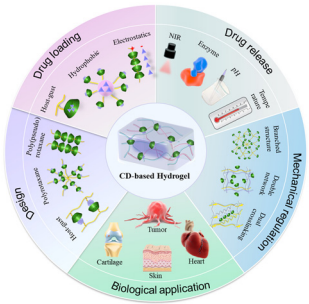
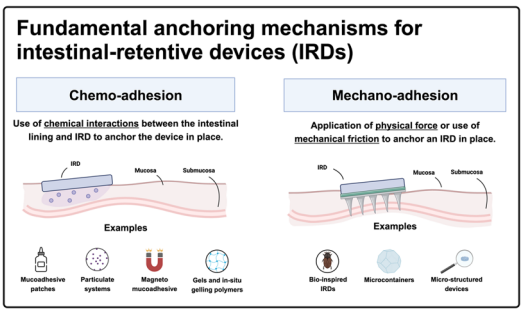


PERSPECTIVE



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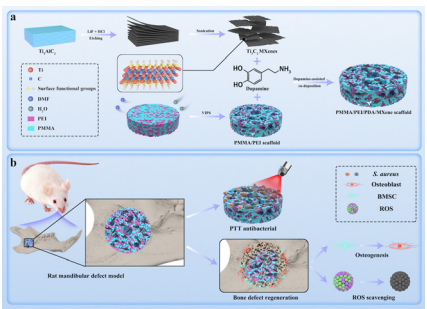

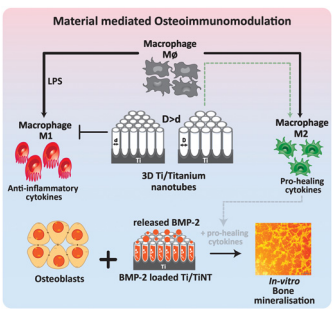

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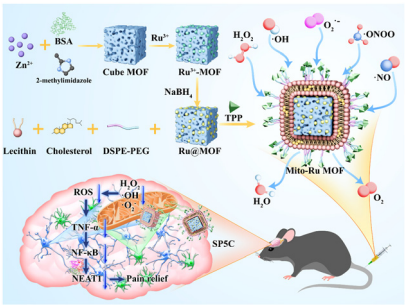

Mitochondria-targeting nanozyme alleviating temporomandibular joint pain by inhibiting the TNFα/NF-κB/NEAT1 pathway

Qian Bai, Yaoyao Zhou, Xiaona Cui, Haichao Si, Tingting Wu, Abdul Nasir, Heng Ma, Junyue Xing, Yingying Wang, Xiaolei Cheng, Xiaojun Liu,* Shaoyan Qi,* Zhisong Li and Hao Tang*

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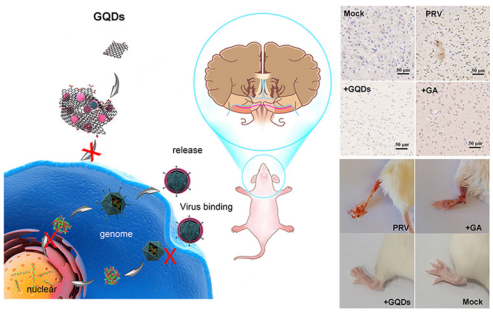

Enhanced *in vivo* antiviral activity against pseudorabies virus through transforming gallic acid into graphene quantum dots with stimulation of interferon-related immune responses

Shiyi Ye, Fei Su, Junxing Li, Bin Yu, Lihua Xu, Tao Xiong, Kang Shao* and Xiufang Yuan*

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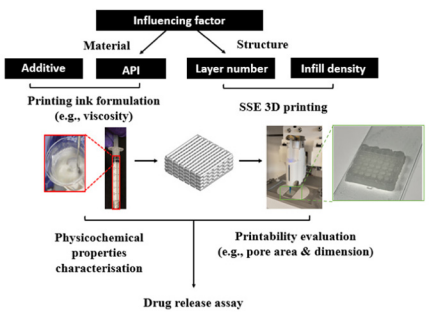

An investigation into the effects of ink formulations of semi-solid extrusion 3D printing on the performance of printed solid dosage forms

Bin Zhang,* Peter Belton, Xin Yi Teoh, Andrew Gleadall, Richard Bibb and Sheng Qi*

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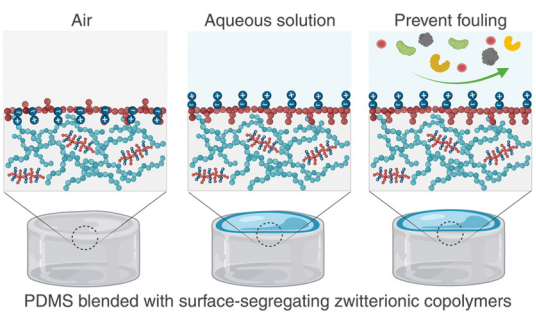

Surface-segregating zwitterionic copolymers to control poly(dimethylsiloxane) surface chemistry

A. Aslihan Gokaltun, Luca Mazzaferro, Martin L. Yarmush, O. Berk Usta* and Ayse Asatekin*

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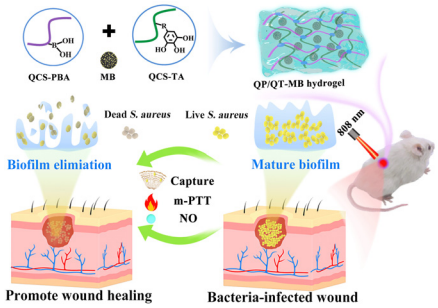

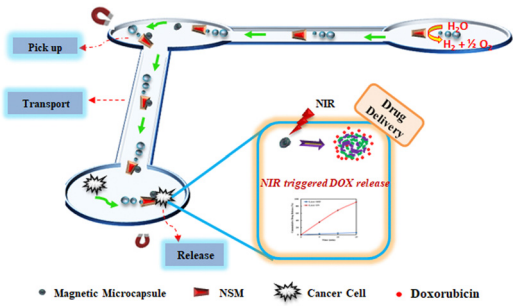

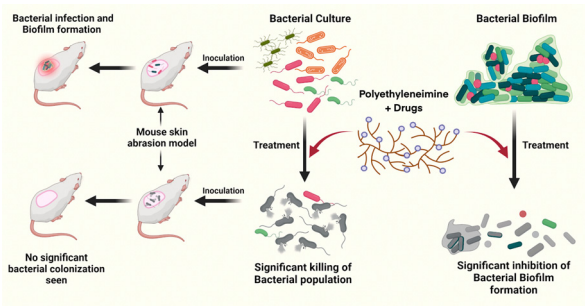

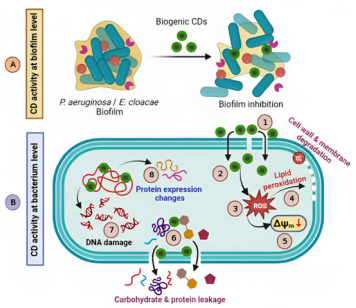

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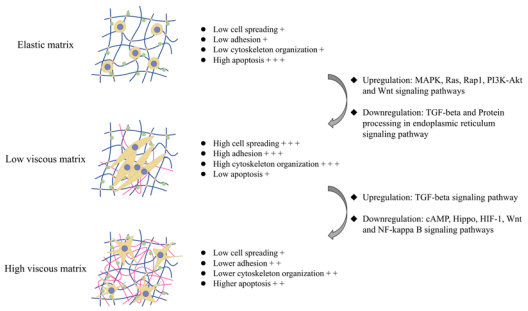

Effects of matrix viscoelasticity on cell–matrix interaction, actin cytoskeleton organization, and apoptosis of osteosarcoma MG-63 cells

Huan Deng, Yao Wang, Yue Yin, Jun Shu, Junwei Zhang, Xuedong Shu, Fang Wu* and Jing He*

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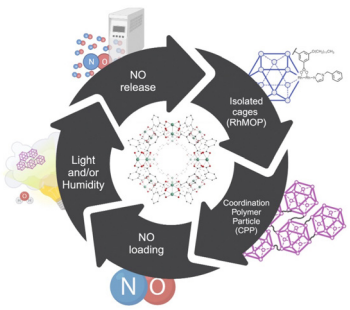

Dual photoresponsive & water-triggered nitric oxide releasing materials based on rhodium-based metal–organic polyhedra

Francisco J. Carmona, Thiago Negrão Chuba, Elí Sánchez-González, Jenny Pirillo, Yuh Hijikata and Shuhei Furukawa*

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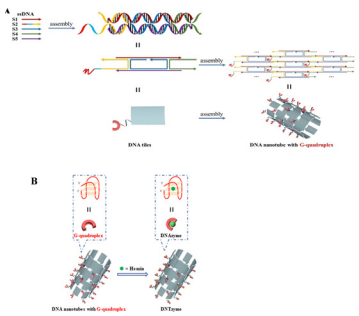

Construction of a highly efficient DNA nanotube sensor with peroxide-like activity

Ying Zhang, Lingqi Wu, Xin Su* and Hao Liang*

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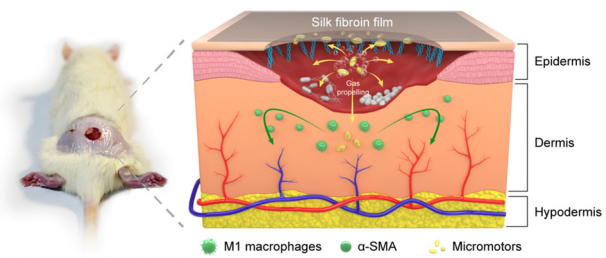

CaO_2–Cu_2O micromotors accelerate infected wound healing through antibacterial functions, hemostasis, improved cell migration, and inflammatory regulation

Ga Liu, Menghang Zu, Lingshuang Wang, Cheng Xu, Jiamei Zhang, Rui L. Reis, Subhas C. Kundu, Bo Xiao,* Lian Duan* and Xiao Yang*

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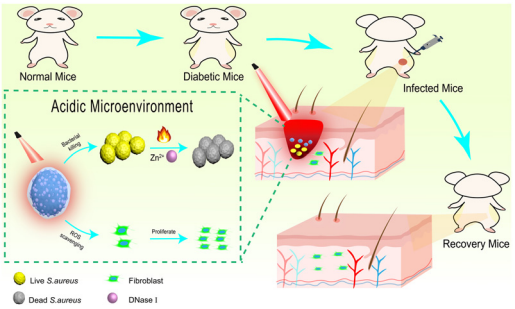

CORRECTION