Journal of Materials Chemistry B

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See Alessandro Polini, Francesca Gervaso et al., pp. 10221-10240. Image reproduced by permission of Alessio Bucciarelli from J. Mater. Chem. B, 2024, 12, 10221.

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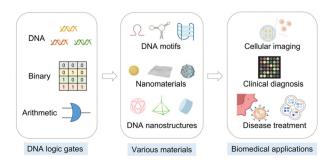


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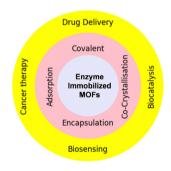
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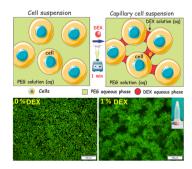


COMMUNICATION

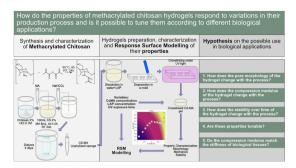
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3D structured capillary cell suspensions aided by aqueous two-phase systems

Amro K. F. Dyab and Vesselin N. Paunov*



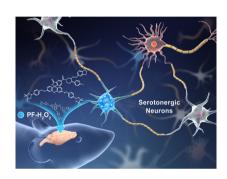
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Modelling methacrylated chitosan hydrogel properties through an experimental design approach: from composition to material properties

Alessio Bucciarelli, Nora Selicato, Chiara Coricciati, Alberto Rainer, Agostina Lina Capodilupo, Giuseppe Gigli, Lorenzo Moroni, Alessandro Polini* and Francesca Gervaso*

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Feida Che, Xiaoming Zhao, Qi Ding, Xiwei Li, Wen Zhang, Ping Li,* Xin Wang* and Bo Tang

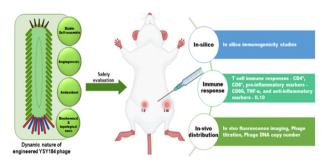
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Development of a urea-bond cleavage reaction induced by nitric oxide for fluorescence imaging

Yuqing Zhang, Shushu Wang, Lina Zhang and Tao Peng*

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Kshitiz Raj Shrestha, Sehoon Kim, Anna Jo, Murali Ragothaman and So Young Yoo*

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Léo Sifringer, Lina De Windt, Stéphane Bernhard, Giulia Amos, Blandine Clément, Jens Duru, Mark W. Tibbitt and Christina M. Tringides*



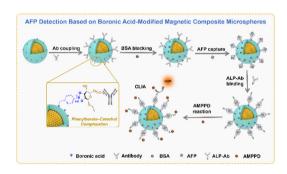




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A chemiluminescence immunosensor for biomarker detection based on boronic acid-modified magnetic composite microspheres

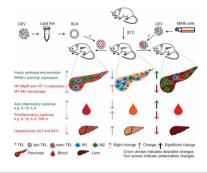
Xiuli Wang, Leyi He, Yaoxia Li, Jia Guo and Changchun Wang*



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Encapsulation of telmisartan inside insulinoma-cell-derived extracellular vesicles outperformed biomimetic nanovesicles in modulating the pancreatic inflammatory microenvironment

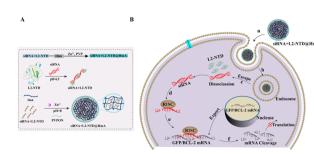
Anjali Singh, Subrata Kumar Pore and Jayanta Bhattacharyya*



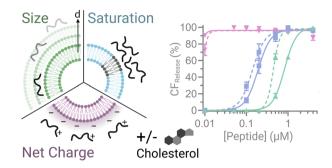
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RNA-binding peptide and endosomal escape-assisting peptide (L2) improved siRNA delivery by the hexahistidine-metal assembly

Yan Zhang, Li-Miao Qin, Meng-Fan Feng, Xianghui Yu and Yuqing Wu*



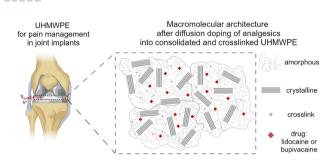
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Alexandra Iversen, Johanna Utterström, Lalit Pramod Khare and Daniel Aili*

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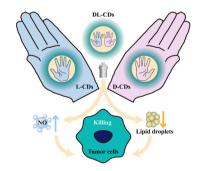
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Flexible and antibacterial conductive hydrogels based on silk fibroin/polyaniline/AgNPs for motion sensing and wound healing promotion under electrical stimulation

Ruiqi Liu, Siwei Bi, Linna Zhang, Xiaoyi Li, Kang Dai, Haibo Wang, Zhenyu Zhang* and Jun Gu*

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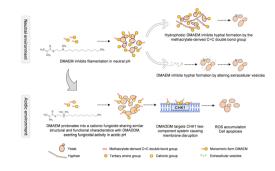
The heterogeneity of physiological activity for chiral carbon dots derived from L/D/DL-arginine

Fengyuan Liu, Jiashan Xia, Chun Tao, Changmei Chen, Xiangshu Cheng, Rongchun Yi, Lulu Wang, Yue Wang* and Tao Deng*

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A novel pH-responsive monomer inhibits Candida albicans via a dual antifungal mode of action

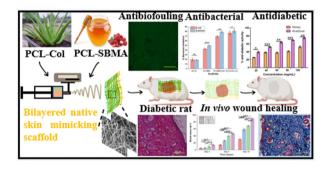
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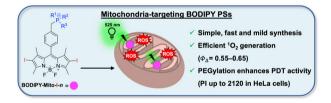
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Potent BODIPY-based photosensitisers for selective mitochondrial dysfunction and effective photodynamic therapy

Edward R. H. Walter, Peter Kam-Keung Leung, Lawrence Cho-Cheung Lee, Kenneth Kam-Wing Lo* and Nicholas J. Long*



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Development and evaluation of 3D composite scaffolds with piezoelectricity and biofactor synergy for enhanced articular cartilage regeneration

Bowen Xie, Hebin Ma, Fengyuan Yang, Hongguang Chen, Ya'nan Guo, Hongxing Zhang, Tengfei Li, Xiaogang Huang, Yantao Zhao, * Xiaojie Li* and Junjie Du*



CORRECTION

10434

Correction: Selenium nanoparticle-functionalized injectable chitosan/collagen hydrogels as a novel therapeutic strategy to enhance stem cell osteoblastic differentiation for bone regeneration

Khaled Alajmi, Matthew Hartford, Nakka Sharmila Roy, Anamitra Bhattacharya, Santanu Kaity, Brenton L. Cavanagh, Subhadeep Roy,* Ciara M. Murphy* and Kulwinder Kaur*