Journal of Materials Chemistry B

Materials for biology and medicine

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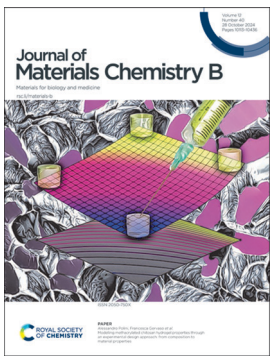

Cover
See Alessandro Polini, Francesca Gervaso *et al.*, pp. 10221–10240.
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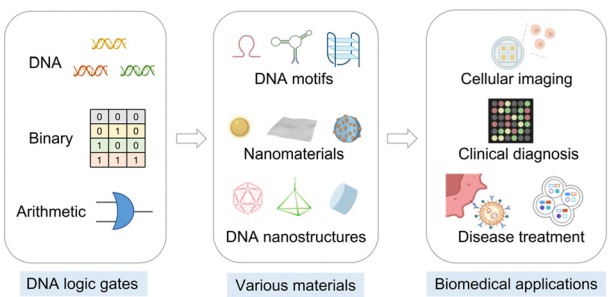
PROFILE

REVIEWS



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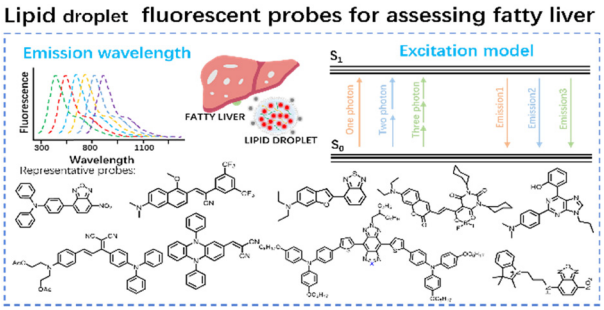
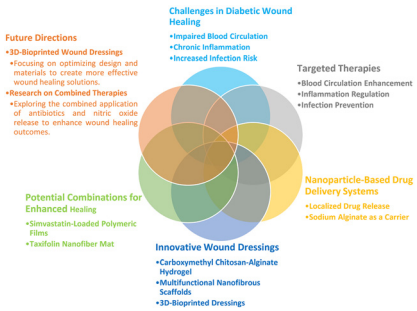
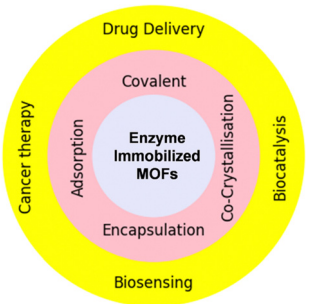
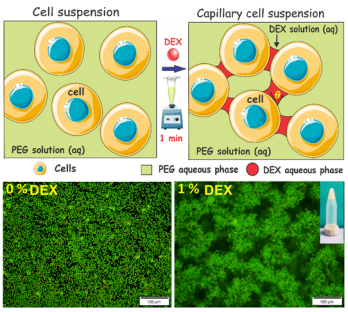




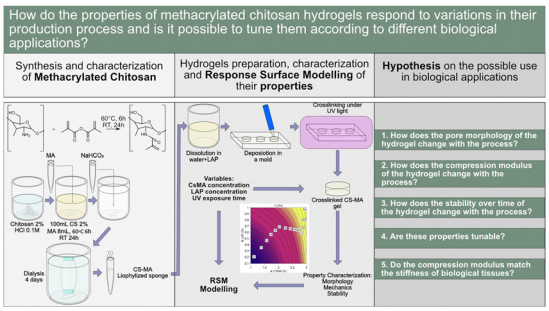


COMMUNICATION



PAPERS

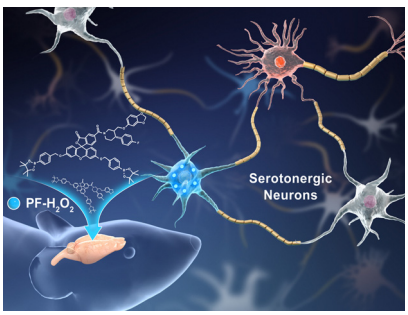
10221



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*

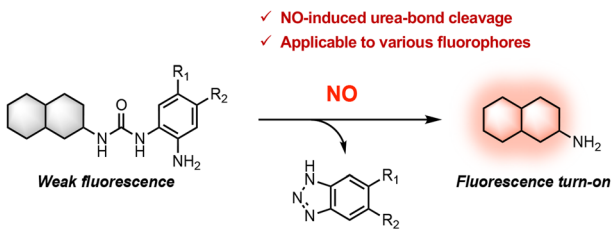
10241



A versatile fluorescent probe for hydrogen peroxide in serotonergic neurons of living brains of mice with depression

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

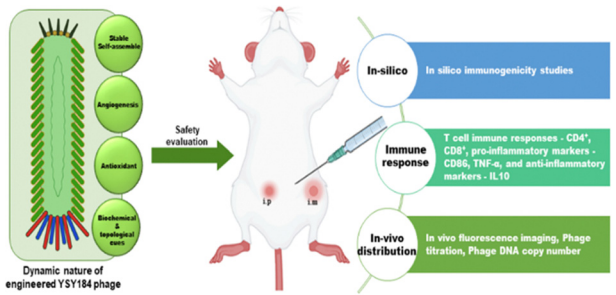
10248



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

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

10258



In vivo safety evaluation and tracing of arginylglycylaspartic acid-engineered phage nanofiber in murine model

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

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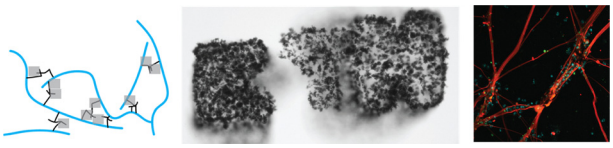

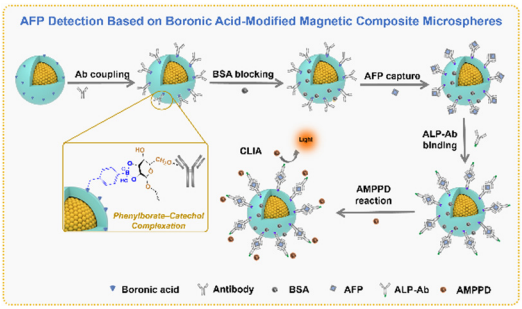

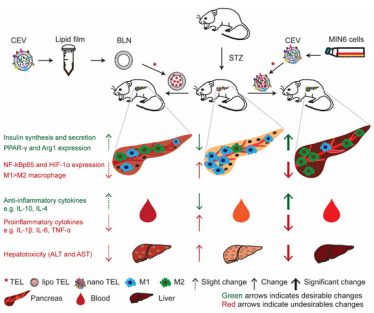

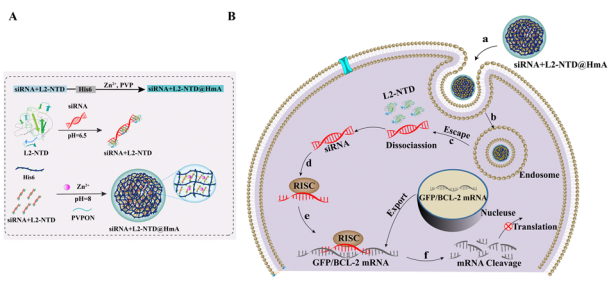

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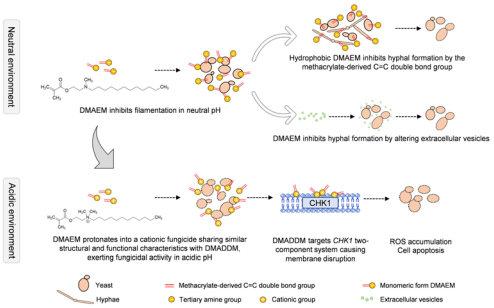

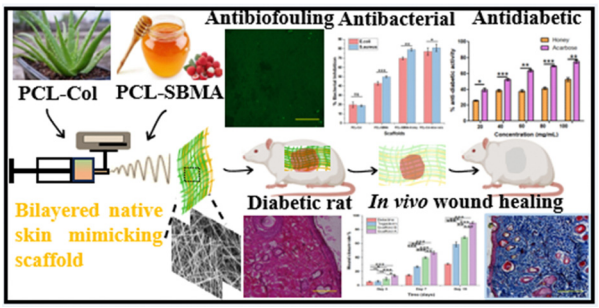

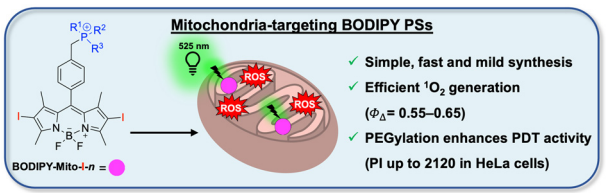

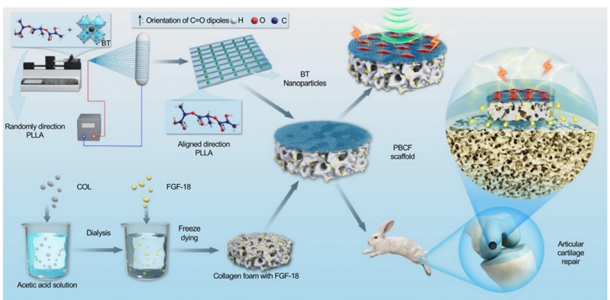

CORRECTION

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*