

Journal of Materials Chemistry B

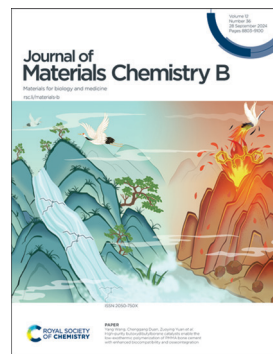
Materials for biology and medicine

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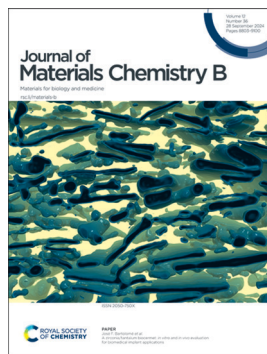
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ISSN 2050-750X CODEN JMCBDV 12(36) 8803-9100 (2024)



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See Yang Wang, Chenggang Duan, Zuoying Yuan *et al.*, pp. 8911–8918. Image reproduced by permission of Zuoying Yuan from *J. Mater. Chem. B*, 2024, 12, 8911.



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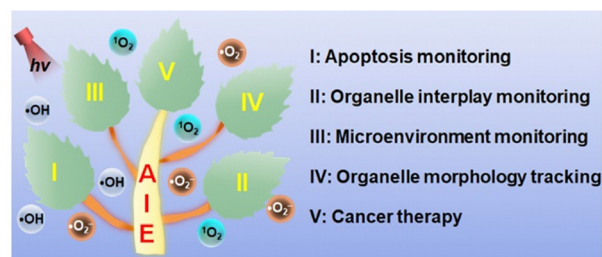
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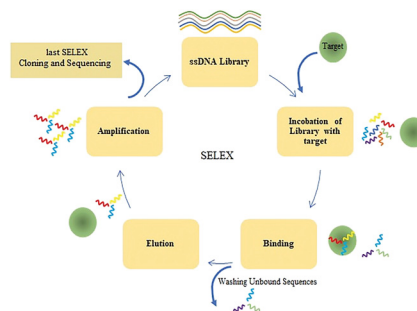
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Arezoo Fallah, Seyed Asghar Havaei,* Hamid Sedighian, Reza Kachuei and Abbas Ali Imani Fooladi*



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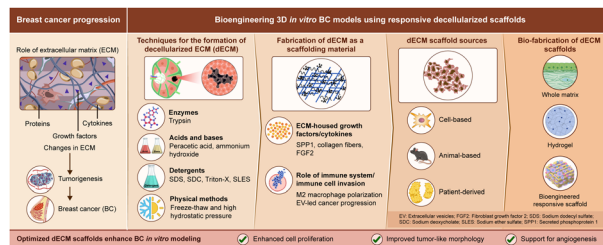
Fundamental questions
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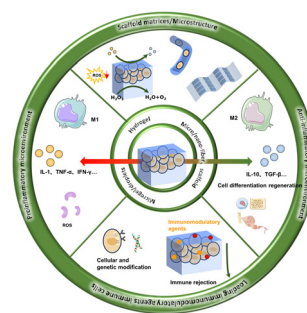
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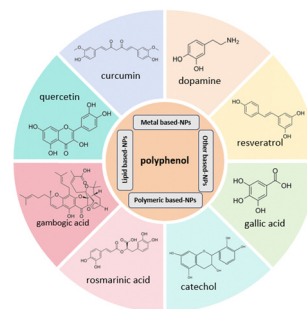
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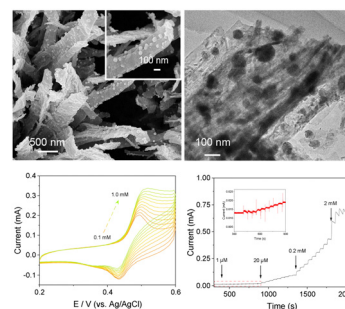


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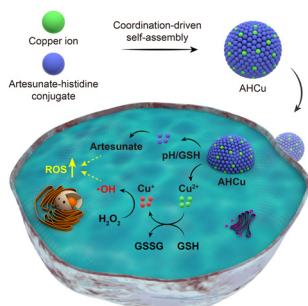
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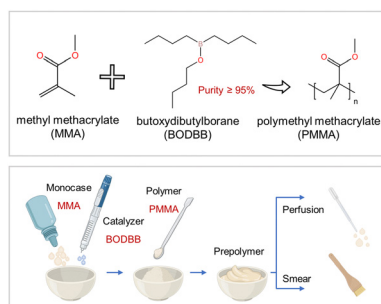


A self-assembled copper-artemisinin nanoprodrug as an efficient reactive oxygen species amplified cascade system for cancer treatment

Xueyu Zhu, Chenyang Bi, Wei Cao, Shuangshuang Li, Chuting Yuan, Pengping Xu, Dongdong Wang,* Qianwang Chen* and Lei Zhang*

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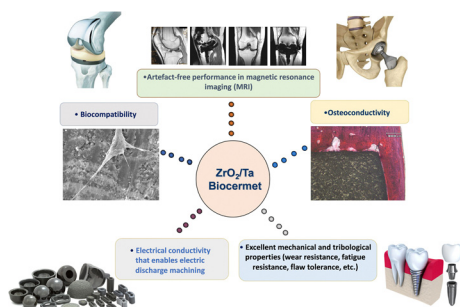
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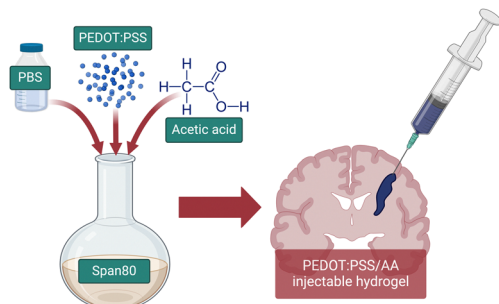
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Anton Smirnov, Francisco Guitián, Joaquín Ramírez-Rico and José F. Bartolomé*

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Injectable conductive hydrogel electrodes for minimally invasive neural interfaces

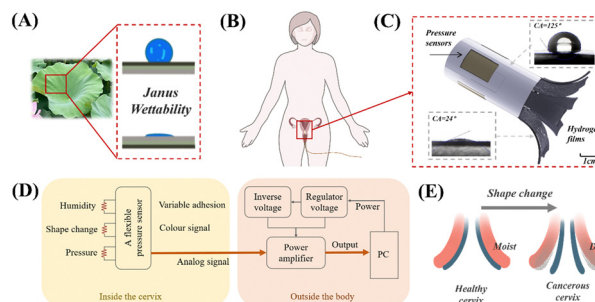
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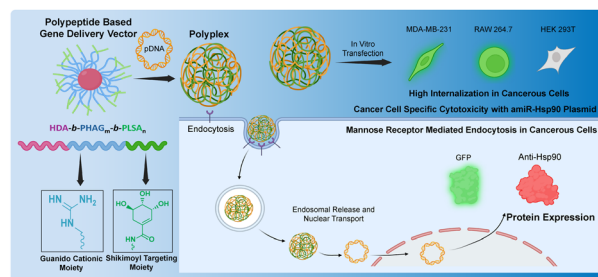
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Design and synthesis of a shikimoyl-functionalized cationic di-block copolypeptide for cancer cell specific gene transfection

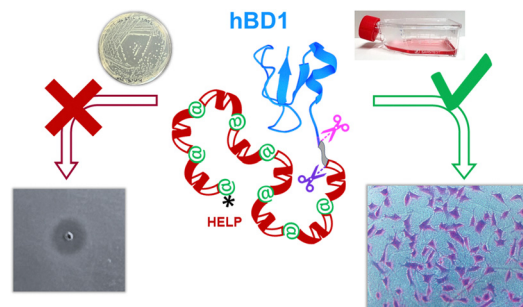
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Materials derived from the human elastin-like polypeptide fusion with an antimicrobial peptide strongly promote cell adhesion

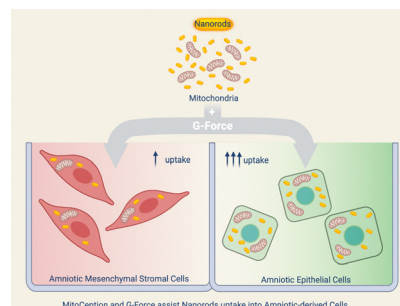
Laura Colomina-Alfaro, Paola Sist, Paola D'Andrea, Ranieri Urbani, Silvia Marchesan, Artemis Stamboulis and Antonella Bandiera*



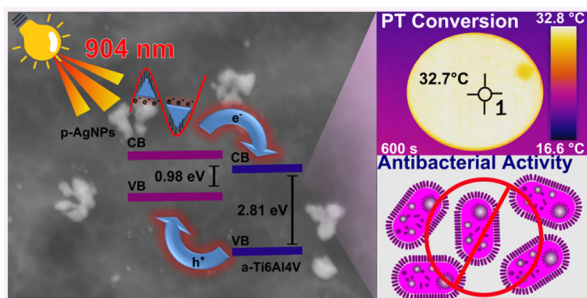
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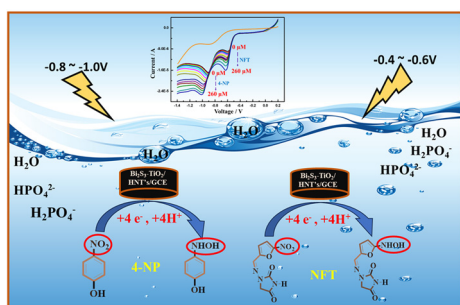
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NIR-responsive nano-holed titanium alloy surfaces: a photothermally activated antimicrobial biointerface

Denise B. Pistonesi, Federico Belén, Juan M. Ruso, M. Eugenia Centurión, M. Gabriela Sica, Marcelo F. Pistonesi and Paula V. Messina*

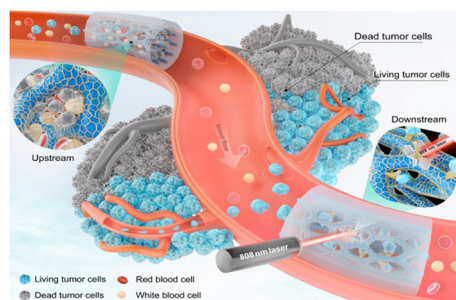
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An enhanced non-enzymatic electrochemical sensor based on the $\text{Bi}_2\text{S}_3\text{-TiO}_2$ nanocomposite with HNTs for the individual and simultaneous detection of 4-nitrophenol and nitrofurantoin in environmental samples

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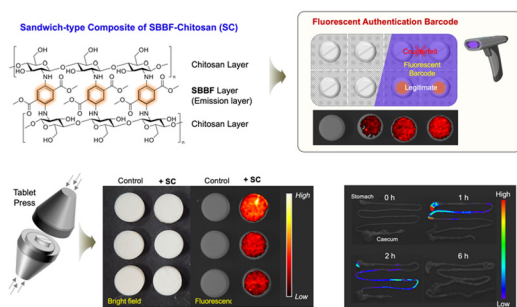
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Intravascular elimination of circulating tumor cells and cascaded embolization with multifunctional 3D tubular scaffolds

Yijing Chen, Cuiwen Li, Jinghui Yang, Ming Wang, Yike Wang, Shibo Cheng, Weihua Huang, Guohua Yuan* and Min Xie*

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A superstable sandwich-type composite of a single-benzene-based fluorophore and chitosan as a fluorescent authentication barcode

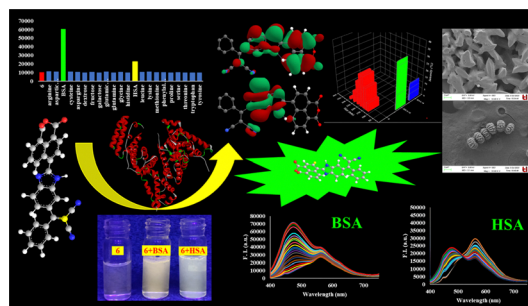
Jaehoon Kim, Ji Hye Jin, Ha Yeon Kim, Joo Hee Hyun, Sungnam Park and Dokyoung Kim*



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A fluorescent “Turn-ON” probe with rapid and differential response to HSA and BSA: quantitative detection of HSA in urine

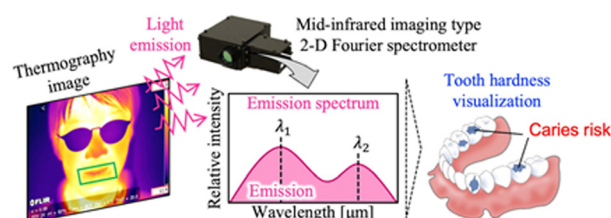
Rohini Gupta and Kamaldeep Paul*



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Mid-infrared passive spectroscopic imaging for visualizing tooth quality

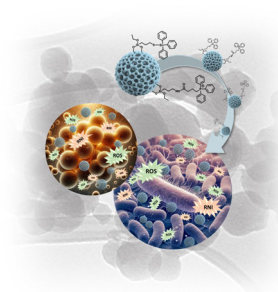
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Unleashing the antibacterial and antibiofilm potential of silica-based nanomaterials functionalized with an organotin(IV) compound

Victoria García-Almodóvar, Perla del Rosario Ardiles, Sanjiv Prashar, Paulina Laura Pérez* and Santiago Gómez-Ruiz*



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