

Journal of Materials Chemistry B

Materials for biology and medicine

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EDITORIAL

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Introduction to microneedles

Ryan Donnelly, Ester Caffarel-Salvador, Harvinder Gill and Hyungil Jung

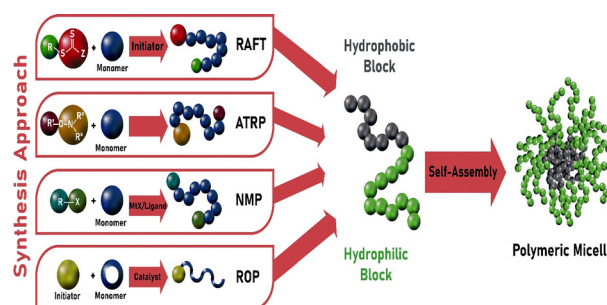


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Ali Aliabadi, Maliheh Hasannia, Masoume Vakili-Azghandi, Fatemeh Araste, Khalil Abnous, Seyed Mohammad Taghdisi, Mohammad Ramezani* and Mona Alibolandi*



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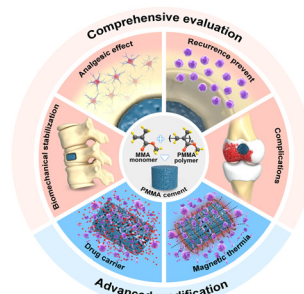


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Comprehensive evaluation and advanced modification of polymethylmethacrylate cement in bone tumor treatment

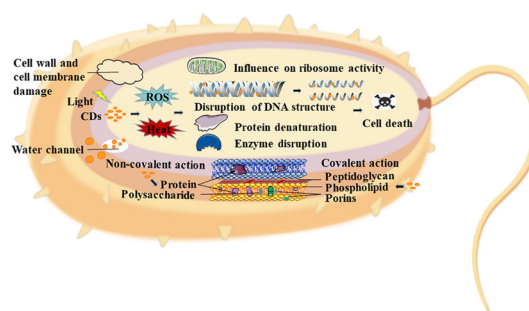
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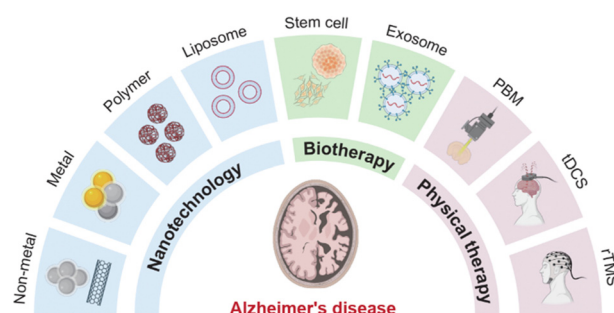
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Yajing Shen, Meng Wang, Shutang Li and Jinfei Yang*

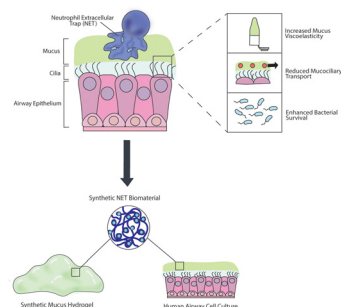


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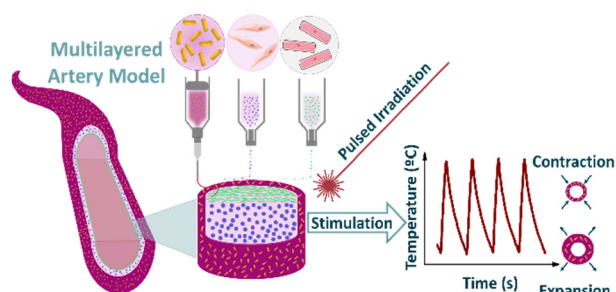
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Allison Boboltz, Sydney Yang and Gregg A. Duncan*



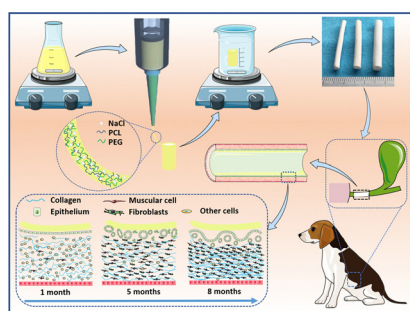
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Uxue Aizarna-Lopetegui, Clara García-Astrain, Carlos Renero-Lecuna, Patricia González-Callejo, Irune Villaluenga, Miguel A. del Pozo, Miguel Sánchez-Álvarez, Malou Henriksen-Lacey* and Dorleta Jimenez de Aberasturi*

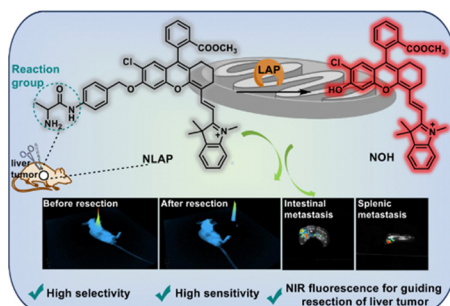
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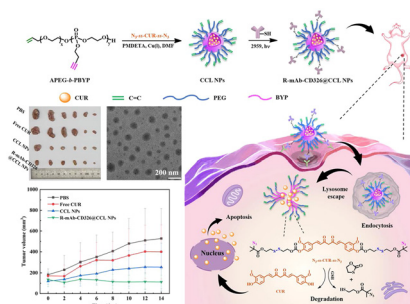
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Renfeng Jiang, Jiayu Zeng, Qian Liu, Songjiao Li,* Longwei He* and Dan Cheng*

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Haijiao Li, Mingzu Zhang, Jinlin He, Jian Liu, Xingwei Sun* and Peihong Ni*

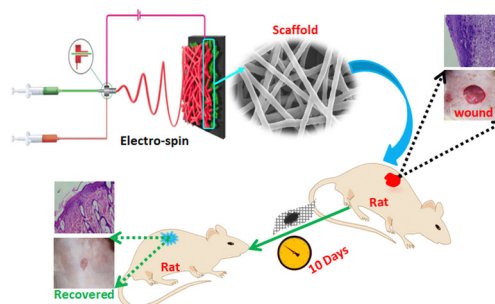


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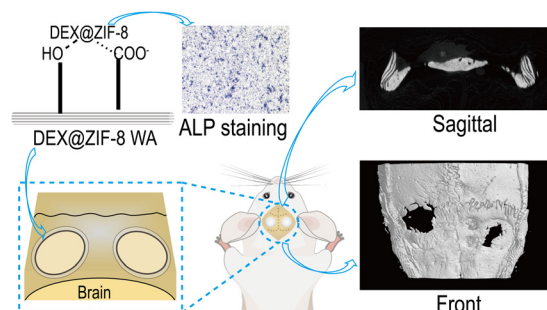
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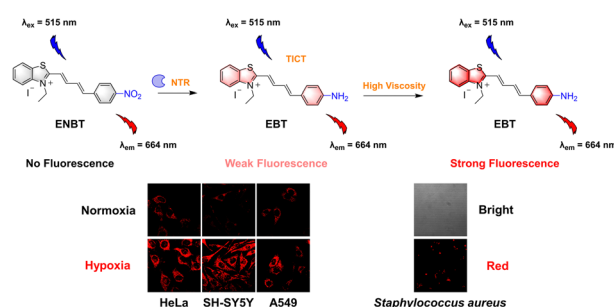
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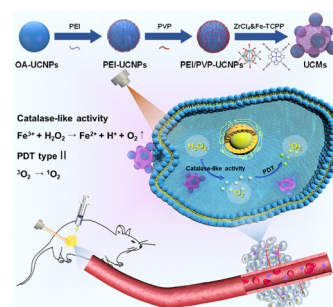
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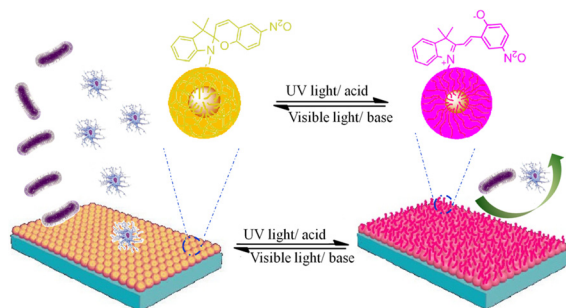
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Xinyue Zhang, Jiasen Cui, Jinhui Liu, Xi Chen, Mingli Chen* and Jianhua Wang*



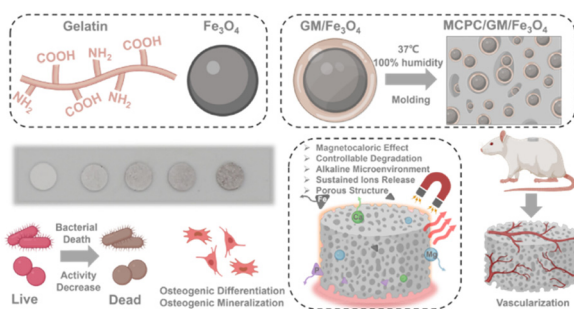
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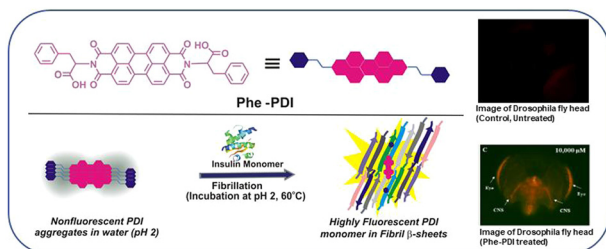
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Multifunctional magnetocaloric bone cement with a time-varying alkaline microenvironment for sequential bacterial inhibition, angiogenesis and osteogenesis

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