

Biomaterials Science

An international high impact journal exploring the underlying science behind the function, interactions and design of biomaterials

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ISSN 2047-4849 CODEN BSICCH 12(8) 1935–2170 (2024)



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et al., pp. 1950–1964.

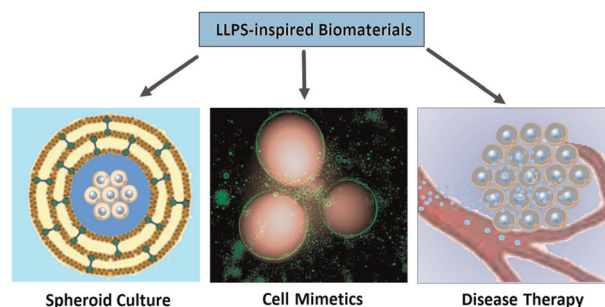
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Biomater. Sci., 2024, **12**,
1950.

MINIREVIEW

1943

Liquid–liquid phase separation-inspired design of biomaterials

Yang Song



REVIEWS

1950

Microgels for bioprinting: recent advancements and challenges

Mingjun Xie, Ji Wang, Sufan Wu, Sheng Yan* and
Yong He*



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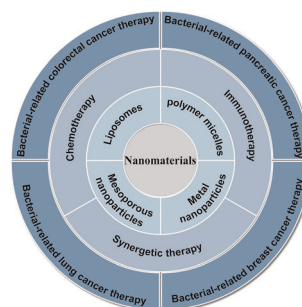


REVIEWS

1965

Recent progress in nanomaterials for bacteria-related tumor therapy

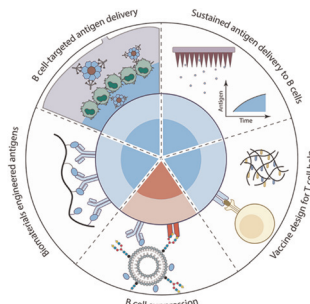
Fuping Zhang, Shuyu Wang,* Shuo Yang, Feihe Ma* and Hui Gao*



1981

Biomaterial engineering strategies for B cell immunity modulations

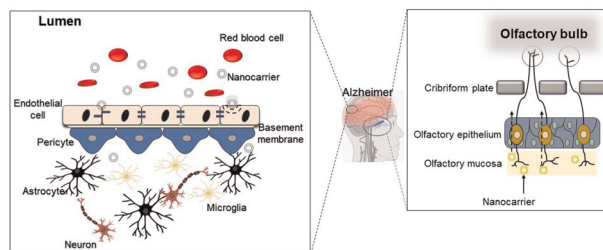
Ali Zareein, Mina Mahmoudi, Shruti Sunil Jadhav, Joel Wilmore and Yaoying Wu*



2007

Nanotechnology-based delivery of therapeutics through the intranasal pathway and the blood–brain barrier for Alzheimer’s disease treatment

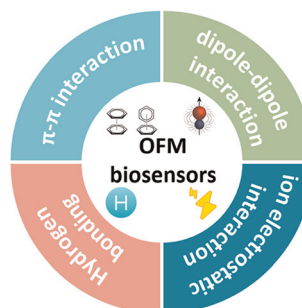
Mark-Jefferson Buer Boyetey, Yonghyun Choi, Hee-Young Lee* and Jonghoon Choi*



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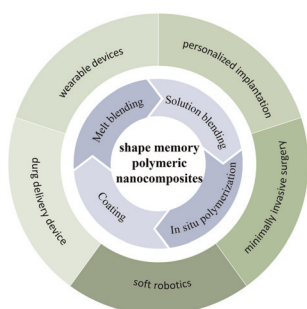
Highly-ordered assembled organic fluorescent materials for high-resolution bio-sensing: a review

Zheng Wang, Zilong Chen, Zhenhao Zhang, Hongzhen Wang and Haichang Zhang*



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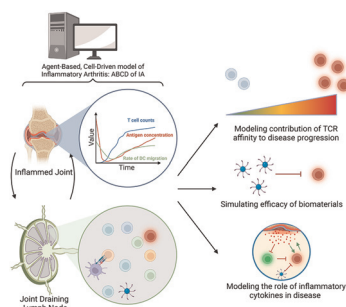


Recent advances in shape memory polymeric nanocomposites for biomedical applications and beyond

Yifan Zheng, Yudi Du, Ling Chen, Wei Mao, Yuan Pu, Steven Wang* and Dan Wang*

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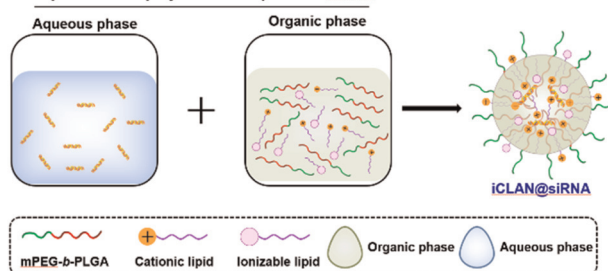


ABCD of IA: A multi-scale agent-based model of T cell activation in inflammatory arthritis

David A. McBride,* James S. Wang, Wade T. Johnson, Nunzio Bottini and Nisarg J. Shah*

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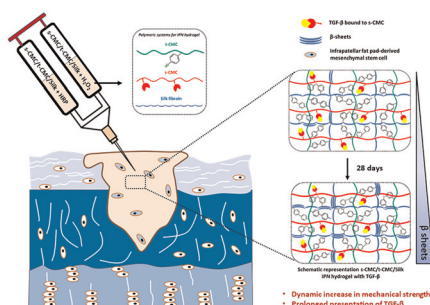
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Akansha Dixit, Aman Mahajan, Rakshita Saxena, Saptomee Chakraborty and Dharendra S. Katti*

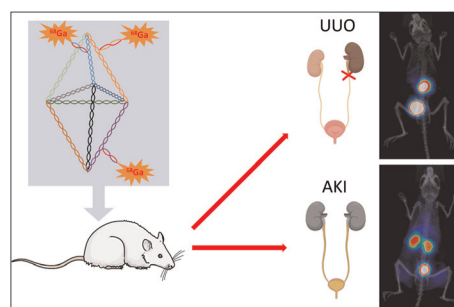


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PET image-guided kidney injury theranostics enabled by a bipyramidal DNA framework

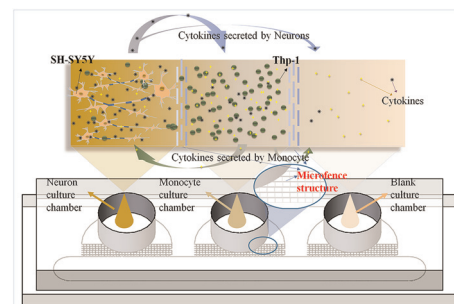
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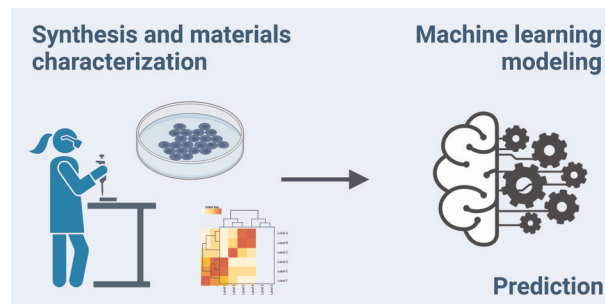
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Enhancing antioxidant properties of CeO₂ nanoparticles with Nd³⁺ doping: structural, biological, and machine learning insights

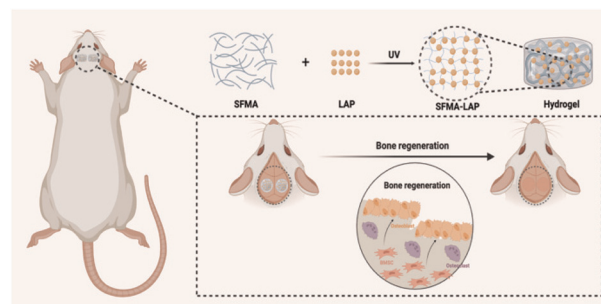
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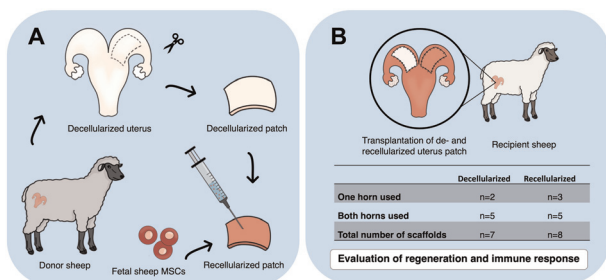
A nanoparticle reinforced microporous methacrylated silk fibroin hydrogel to promote bone regeneration

Ruideng Wang, Xi He, Zhengyang Chen, Shilong Su, Jinwu Bai, Haifeng Liu* and Fang Zhou*



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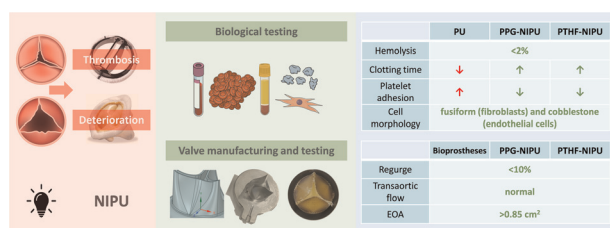
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Transplantation of a bioengineered tissue patch promotes uterine repair in the sheep

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