

Journal of Materials Chemistry B

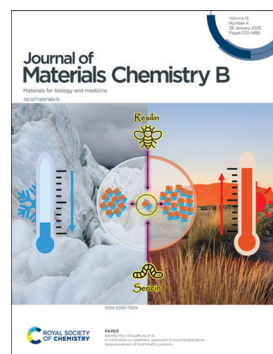
Materials for biology and medicine

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ISSN 2050-750X CODEN JMCBDV 13(4) 1123-1488 (2025)



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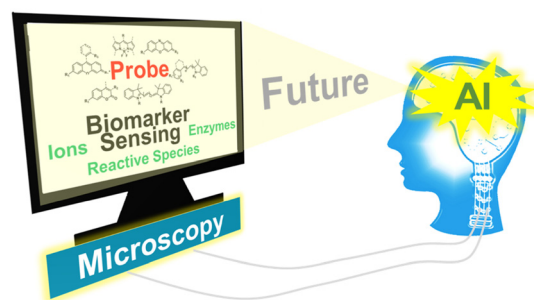
See Namita Roy Choudhury *et al.*, pp. 1302–1315. Image reproduced by permission of N. Wanasingha, R. Balu, N. Roy Choudhury, N. Dutta from *J. Mater. Chem. B*, 2025, 13, 1302.

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Frontiers in fluorescence imaging: tools for the *in situ* sensing of disease biomarkers

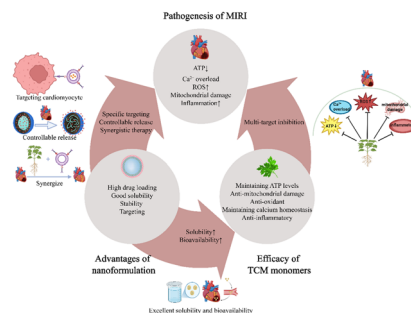
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Progress in Chinese medicine monomers and their nanoformulations on myocardial ischemia/reperfusion injury

Yanrong Zhou, Li Wang, Lina Sun, Rui Tan,* Zheng Wang* and Renjun Pei*



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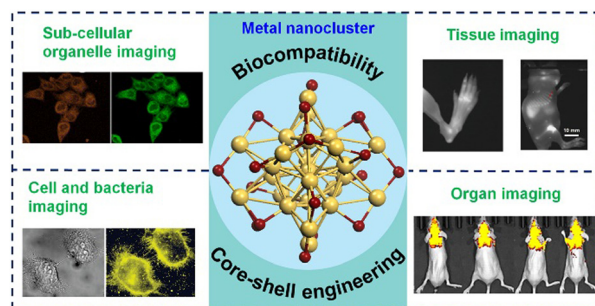


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Ultrasmall metal nanoclusters as efficient luminescent probes for bioimaging

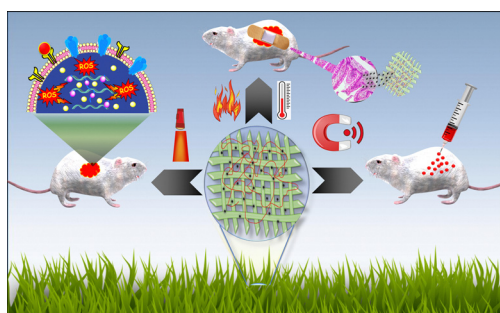
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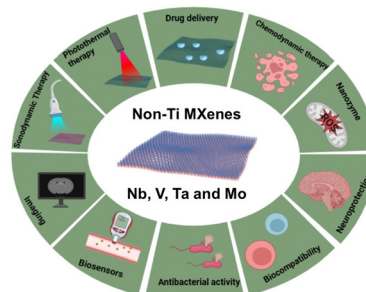
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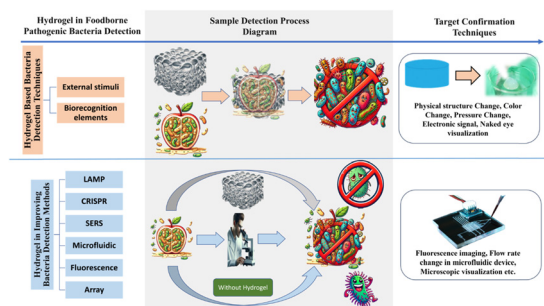
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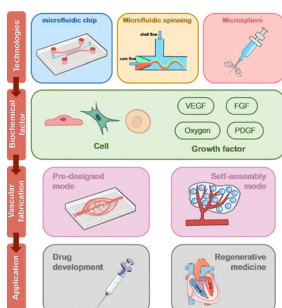
Development and application of hydrogels in pathogenic bacteria detection in foods

Shuxiang Liu,* Md Rashidur Rahman, Hejun Wu, Wen Qin, Yanying Wang and Gehong Su*



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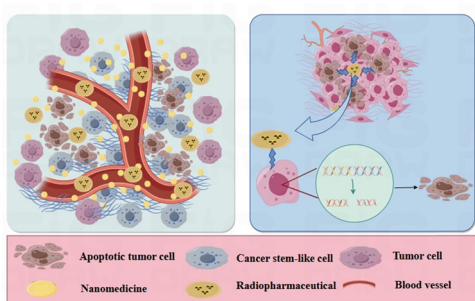
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Xiaoping Miao, Tianao Chen, Zhongliang Lang, Yongqi Wu, Xizhi Wu, Zhiqiang Zhu* and Ronald X. Xu*

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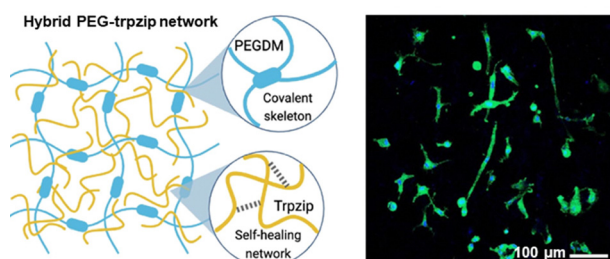


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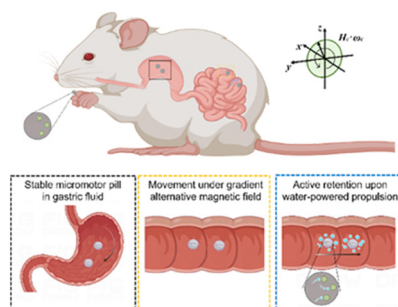
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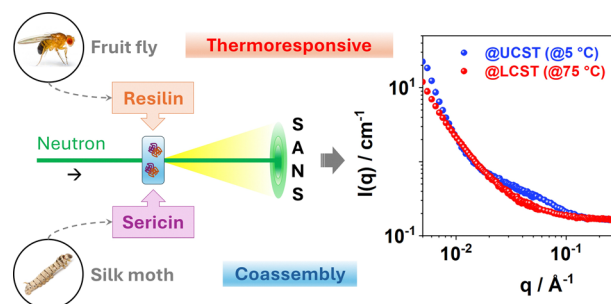
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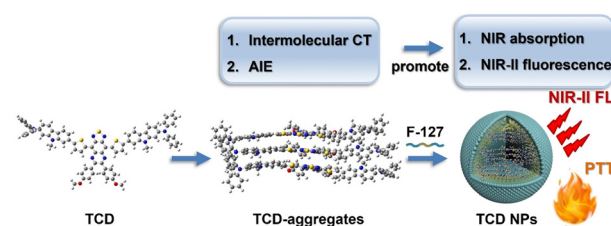
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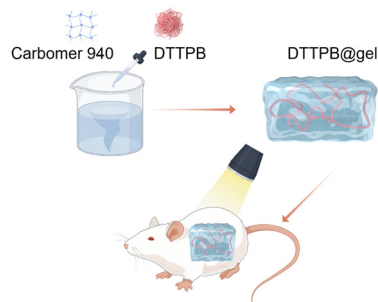
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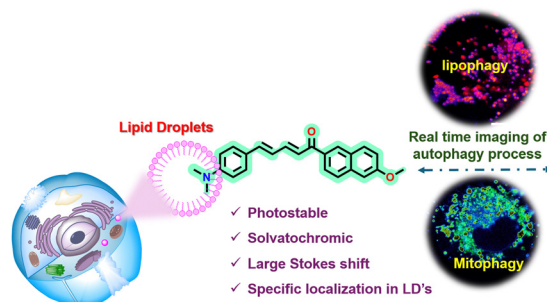
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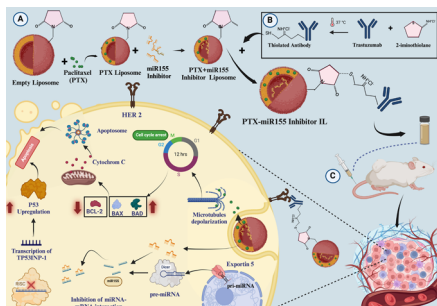
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Live cell imaging of lipid droplets: fluorescent chalcones as probes for lipophagy and lipid–mitochondria interactions

Mohini Ghorpade, Deeksha Rajput, Paramasivam Mahalingam and Sriram Kanvah*



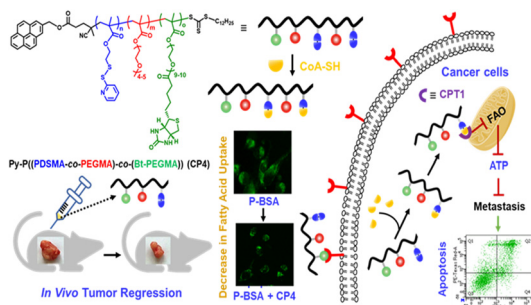
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Maximising efficacy in HER2-positive breast cancer: immunoliposomal co-delivery of miR155 inhibitor and paclitaxel for targeted therapy

Ramesh Chaudhari, Vishva Patel, Bharti Malvi, Superb K. Misra and Ashutosh Kumar*

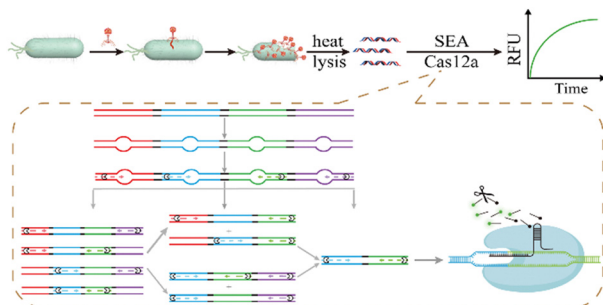
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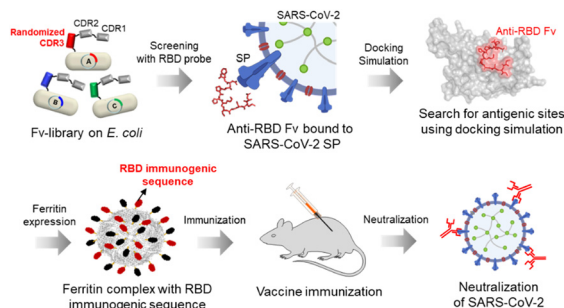
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A phage amplification-assisted SEA-CRISPR/Cas12a system for viable bacteria detection

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SARS-CoV-2 vaccine based on ferritin complexes with screened immunogenic sequences from the Fv-antibody library

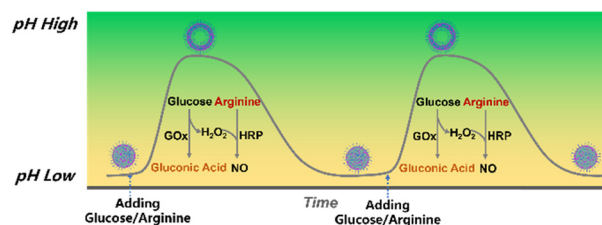
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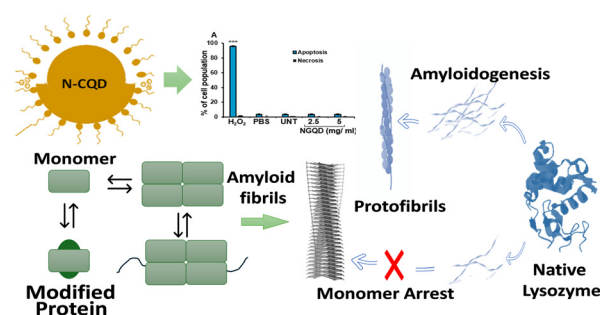
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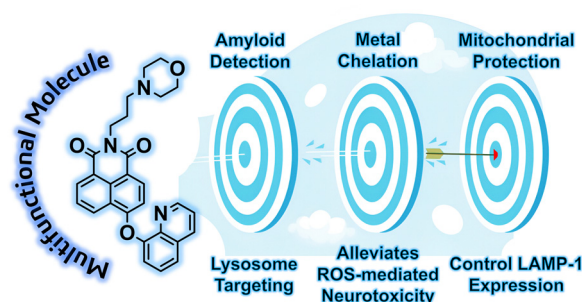
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Multifunctional hydroxyquinoline-derived turn-on fluorescent probe for Alzheimer's disease detection and therapy

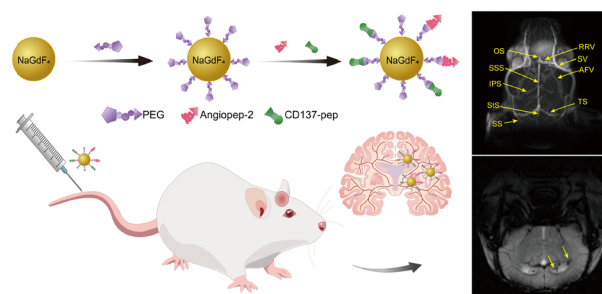
Priyam Ghosh, Sayantani Mukhopadhyay, Thirukumaran Kandasamy, Subrata Mondal, Siddhartha Sankar Ghosh and Parameswar Krishnan Iyer*



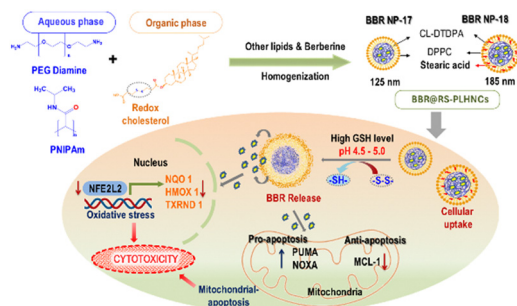
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Neuroinflammation-targeted magnetic resonance imaging nanoprobes for the early diagnosis of Alzheimer's disease

Yanjiao Jiang, Wenyue Li, Yuqiang Ma and Yi Hou*



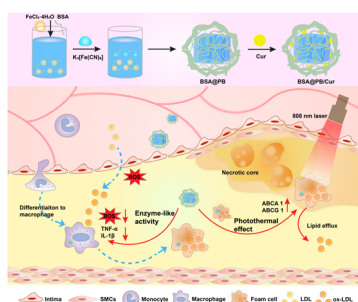
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B. Siva Lokesh, Suresh Ajmeera, Rajat Choudhary, Sanjaya Kumar Moharana, C. S. Purohit and V. Badireenath Konkimalla*

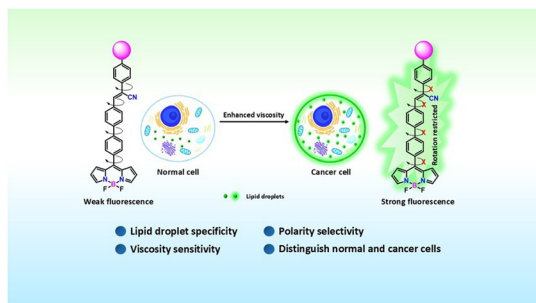
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Multifunctional Prussian blue nanozymes alleviate atherosclerosis through inhibiting the inflammation feedback loop

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Charutha Kalarikkal, Anjali, Sarbani Bhattacharjee, Koyeli Mapa* and Chinna Ayya Swamy P*

