

Journal of Materials Chemistry B

Materials for biology and medicine

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IN THIS ISSUE

ISSN 2050-750X CODEN JMCBDV 13(3) 727–1122 (2025)



Cover

See Weidong Fei, Mengdan Zhao *et al.*, pp. 742–762. Image reproduced by permission of Weidong Fei from *J. Mater. Chem. B*, 2025, 13, 742.

EDITORIALS

738

2024 *Journal of Materials Chemistry* Lectureship winner: Raphaële Clément, University of California, Santa Barbara, United States



739

2024 *Journal of Materials Chemistry* Lectureship runners-up: Maxx Arguilla, University of California, Irvine, United States, and Phillip Milner, Cornell University, United States



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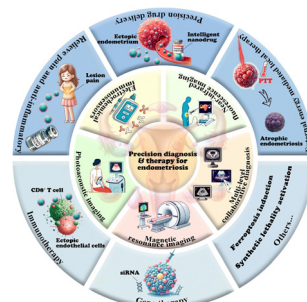


REVIEWS

742

Emerging bioengineering breakthroughs in precision diagnosis and therapy for endometriosis and adenomyosis

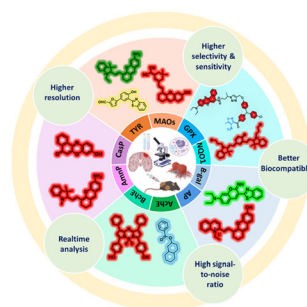
Yujie Peng, Meng Zhang, Jingjing Yan, Rong Wang, Yu Xin, Xiaoling Zheng, Libo Zhu, Weidong Fei* and Mengdan Zhao*



763

Recent progress towards the development of fluorescent probes for the detection of disease-related enzymes

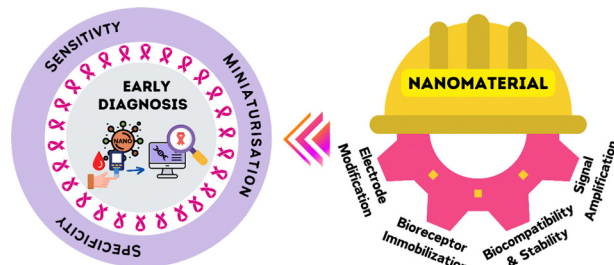
Lopamudra Mishra and Monalisa Mishra*



802

Leveraging nanomaterials for ultrasensitive biosensors in early cancer detection: a review

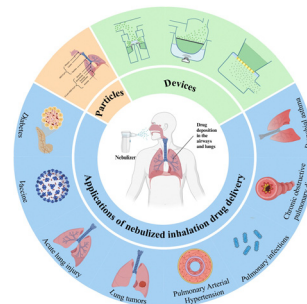
Drishti Khandelwal, Aheli Bhattacharya, Vanshika Kumari, Sachchidanand Soham Gupta, Kumar Rakesh Ranjan* and Vivek Mishra*



821

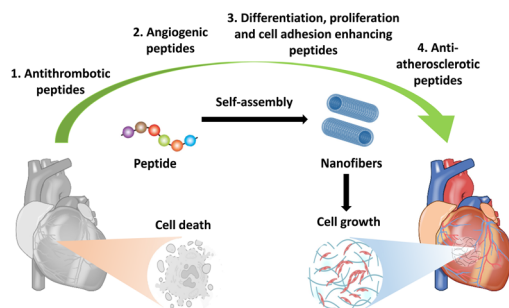
Nebulized inhalation drug delivery: clinical applications and advancements in research

Ruyi Yan, Chang Zou, Xiaohang Yang, Weihua Zhuang, Yushi Huang, Xiuli Zheng, Jie Hu, Lingni Liao, Yongchao Yao,* Xuping Sun* and Wenchuang (Walter) Hu*



REVIEWS

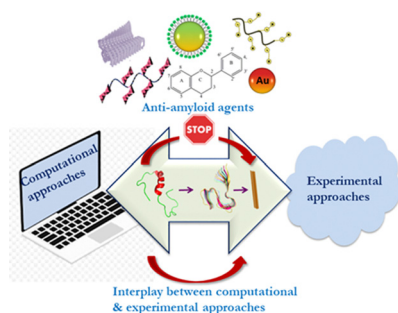
844



Self-assembled peptide-based nanofibers for cardiovascular tissue regeneration

Dhriti Shenoy, Sowmya Chivukula, Nursu Erdogan, Enrica Chiesa,* Sara Pellegrino,* Meital Rechtes* and Ida Genta

858

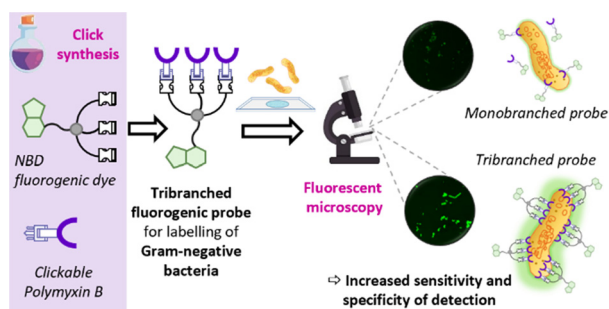


From experimental studies to computational approaches: recent trends in designing novel therapeutics for amyloidogenesis

Pooja Ghosh,* Agnibin Kundu and Debabani Ganguly*

COMMUNICATIONS

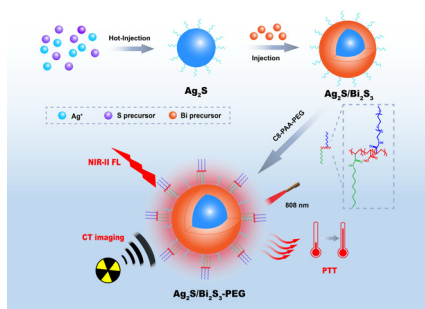
882



A multi-valent polymyxin-based fluorescent probe for the detection of Gram-negative infections

Richa Sharma, Maria Rodriguez-Rios, James Crossland, Maulida Septiyana, Alicia Megia-Fernandez, Maxime Klausen* and Mark Bradley*

888



Design, synthesis, and characterization of an Ag-Bi-S-based multifunctional nanotheranostic platform

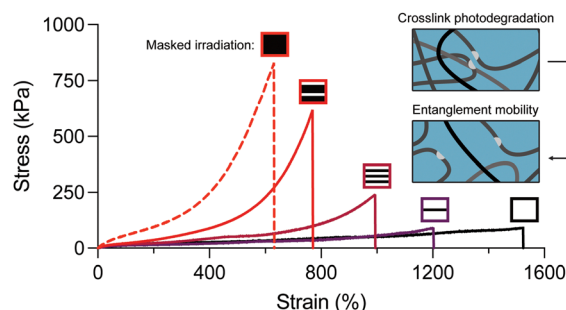
Yuan-Yi Tan, Xin Chen, Dong-Yun Zheng, Chao Liu, Xiao-Jun Liu, Xian-Guang Lin and Chun-Nan Zhu*



894

Photodegradable polyacrylamide tanglemer enable spatiotemporal control over chain lengthening in high-strength and low-hysteresis hydrogels

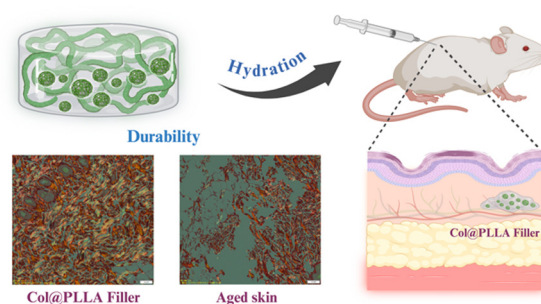
Joshua S. Lee, Bruce E. Kirkpatrick, Abhishek P. Dhand, Lea Pearl Hibbard, Benjamin R. Nelson, Nathaniel P. Skillin, Makayla C. Johnson, Dilara Batan, Benjamin D. Fairbanks, Timothy J. White, Christopher N. Bowman, Jason A. Burdick and Kristi S. Anseth*



904

Engineered collagen/PLLA composite fillers to induce rapid and long-term collagen regeneration

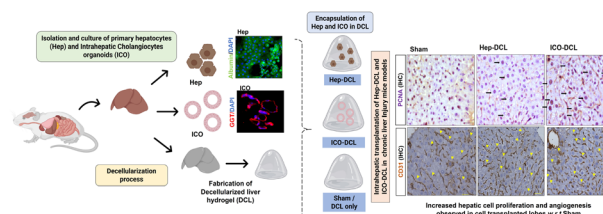
Shuhua Chang, Miaoran Zhao, Wenxia Gao,* Jun Cao and Bin He*



918

In vivo transplantation of intrahepatic cholangiocyte organoids with decellularized liver-derived hydrogels supports hepatic cellular proliferation and differentiation in chronic liver injury

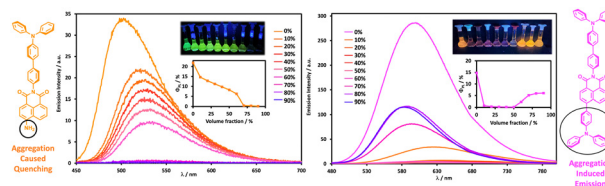
Impreet Kaur, Ashwini Vasudevan, Natalia Sanchez-Romero, Arka Sanyal, Aarushi Sharma, Hamed Hemati, Pinky Juneja, Aarti Sharma, Iris Pla Palacin, Archana Rastogi, Pooja Vijayaragavan, Sourabh Ghosh, Seeram Ramakrishna, Shiv K. Sarin, Pedro M. Baptista, Dinesh M. Tripathi* and Savneet Kaur*



929

Emissive triphenylamine functionalised 1,8-naphthalimide and naphthalene diimide fluorophores: aggregation, computation and biological studies

Laura Ramírez Lázaro, L. Constance Sigurvinnsson, Niamh Curtin, Joanna Ho, Ena T. Luis, Deirdre A. McAdams, Tomás A. Gudmundsson, Chris S. Hawes, Denis Jacquemin, Donal F. O'Shea, Eoin M. Scanlan, Thorfinnur Gunnlaugsson* and Adam F. Henwood*



PAPERS

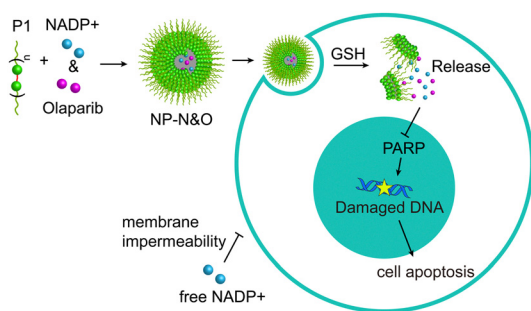
943



Photocrosslinkable starch cinnamyl ethers as bioinspired bio-based polymers

Simona Petroni, Sara Fernanda Orsini, Daniele Bugnotti, Emanuela Callone, Sandra Dirè, Luca Zoia, Roberta Bongiovanni, Sara Dalle Vacche, Alessandra Vitale, Luisa Raimondo, Adele Sassella, Pietro Mariani, Massimiliano D'Arienzo* and Laura Cipolla*

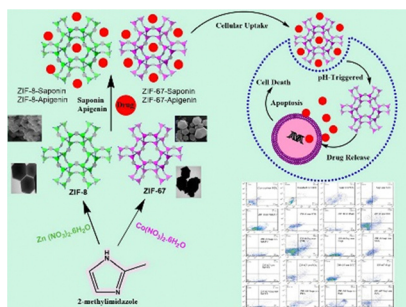
955



Enhancing PARP inhibitor efficacy using reduction-responsive nanoparticles encapsulating NADP+

Hao Chen, Fan Tan, Yukui Zhang, Bingteng Xie* and Aiqin Luo*

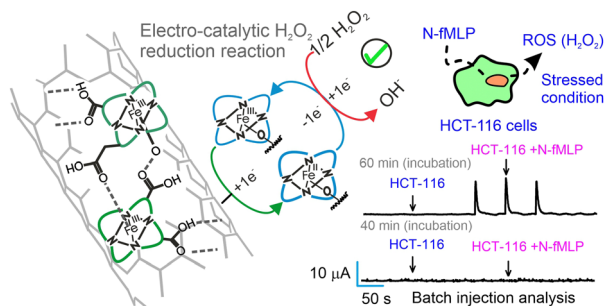
965



Bioactive zeolitic imidazolate framework nanoconjugates as synergistic drug delivery agents for cancer nanotherapeutics

Seyyed Mojtaba Mousavi, Wei-Hung Chiang* and Ahmad Gholami*

985



Hemozoin anchored MWCNTs for mediated reduction of hydrogen peroxide and real-time intracellular oxidative stress monitoring in colon cancer cells

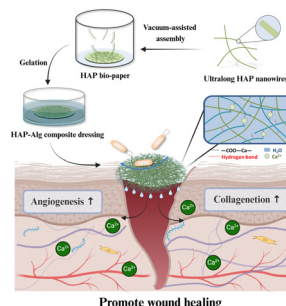
Sakthivel Srinivas, Mouliganesh Sekar, Kavitha Thirumurugan and Annamalai Senthil Kumar*



997

A composite dressing combining ultralong hydroxyapatite nanowire bio-paper and a calcium alginate hydrogel accelerates wound healing

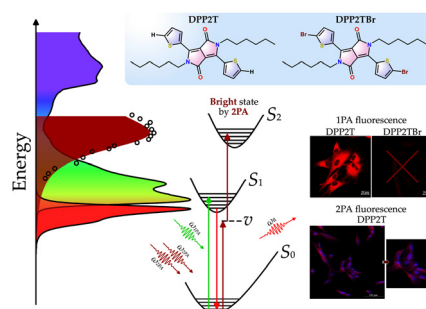
Yuankang Zhu, Liangshi Hao, Yurui Luo, Jing Gao, Fengming Xu, Han Li, Changning Hao, Chao-Po Lin, Han-Ping Yu,* Ying-Jie Zhu* and Junli Duan*



1013

Advancements in organic fluorescent materials: unveiling the potential of peripheral group modification in dithienyl-diketopyrrolopyrrole derivatives for one- and two-photon bioimaging

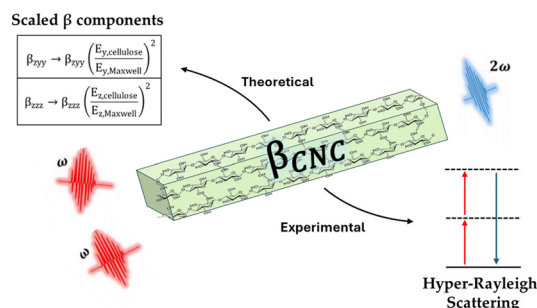
Leandro H. Zucolotto Cocca,* João V. P. Valverde, Celisnolia M. Leite, Natália S. Moreno, Alfredo L. Neto, Andreia G. Macedo, Sebastião Pratavieira, Daniel L. Silva, Paula C. Rodrigues, Valtencir Zucolotto, Cleber R. Mendonça and Leonardo De Boni



1024

First hyperpolarizability of cellulose nanocrystals: an experimental and theoretical investigation

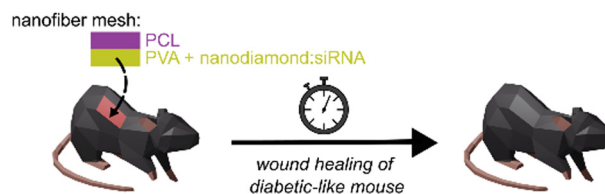
Thibaut Legat, François Mairesse, Ahmet R. Dok, Yovan de Coene, Wim Thielemans, Benoît Champagne* and Stijn Van Cleuvenbergen*



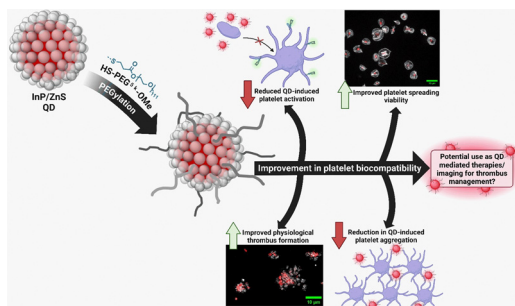
1037

Topical siRNA therapy of diabetic-like wound healing

Eva Neuhoferova, Marek Kindermann, Matej Buzgo, Karolina Vocetkova, Dalibor Panek, Petr Cigler* and Veronika Benson*



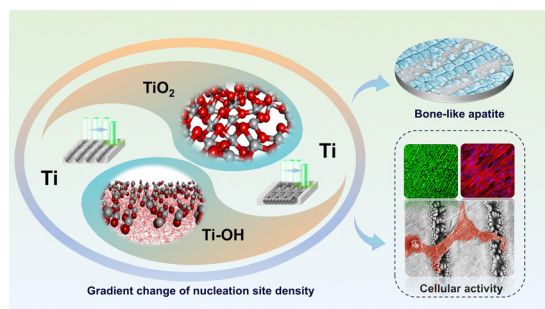
1052



PEGylation of indium phosphide quantum dots prevents quantum dot mediated platelet activation

Leigh Naylor-Adamson, Thomas W. Price, Zoe Booth, Sophie V. L. Leonard, Juan Gallo, Le Duc Tung, Stanley Harvell-Smith, Nguyen Thi Kim Thanh, Zabeada Aslam, David Allsup, Nicole Hondow, Thomas Chamberlain, Jürgen E. Schneider, Khalid Naseem, Jean-Sebastien G. Bouillard, Graeme J. Stasiuk* and Simon D. J. Calaminus*

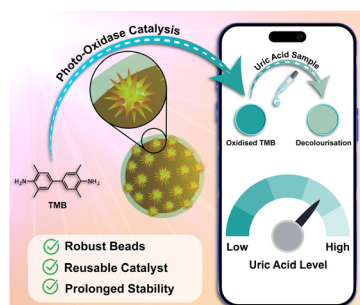
1064



Quantitative features of osteo-bioactive Ti surfaces at the atomic/molecular level

Fengxiong Luo, Dongxuan Li, Yu Yang, Jiajun Liu, Ruiqi Mao, Yawen Huang, Jian Lu, Xiangdong Zhu, Kefeng Wang,* Yujiang Fan and Xingdong Zhang

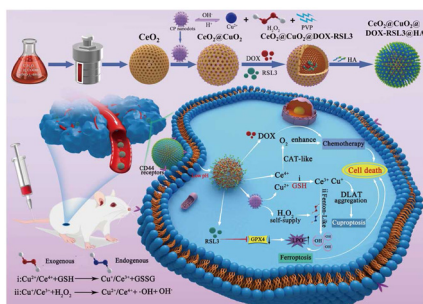
1079



In situ fabricated gold nanostars on hydrogel beads as photo-oxidase mimics for rapid and sustainable POCT of uric acid

Tanushree Das, Saurav Das and Debapratim Das*

1089



Tumor microenvironment-regulated nanopatform for enhanced chemotherapy, cuproptosis and nonferrous ferroptosis combined cancer therapy

Xiangyu Meng, Lu Tian,* Jingmei Zhang, Jiaoyu Wang, Xuewei Cao, Zunfu Hu, Yunqiang Sun,* Zhichao Dai* and Xiuwen Zheng*



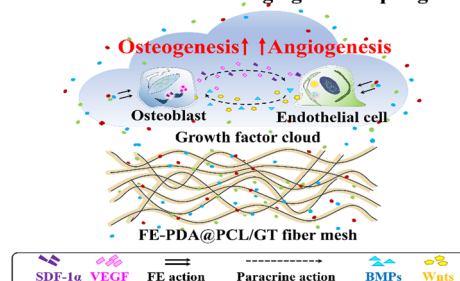
PAPERS

1100

Enhanced osteo–angiogenic coupling by a bioactive cell-free fat extract (CEFFE) delivered through electrospun fibers

Donghong Li, Tingting Xu, Xiaoli Wang, Qiong Xiao, Wenjie Zhang, Fen Li, Hao Zhang, Bei Feng* and Yanzhong Zhang*

FE-mediated osteo-angiogenic coupling



CORRECTION

1118

Correction: Hedgehog-inspired immunomagnetic beads for high-efficient capture and release of exosomes

Jia Cheng, Nanhang Zhu, Yujia Zhang, Yue Yu, Ke Kang, Qiangying Yi* and Yao Wu*

