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Materials for biology and medicine

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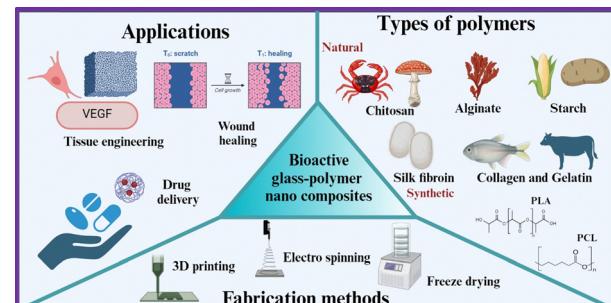
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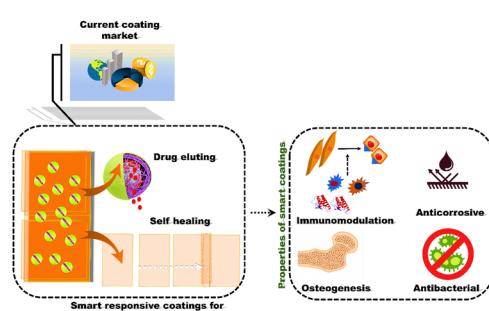
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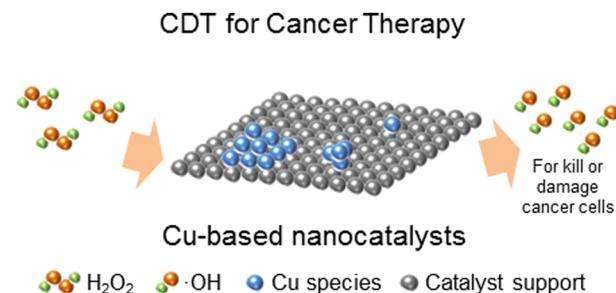


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Meng-Yu Wang and Zhi-Xin Li*

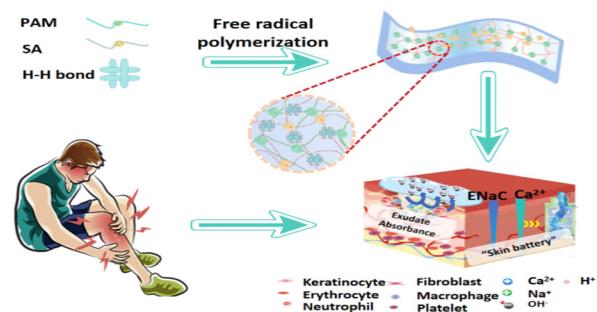


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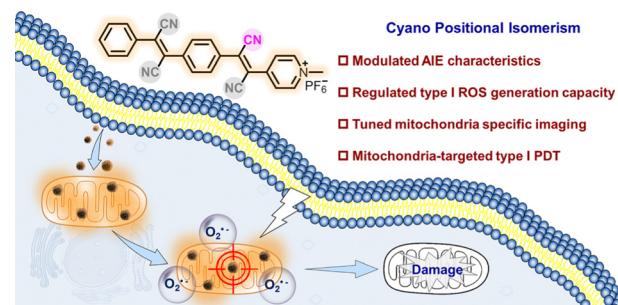


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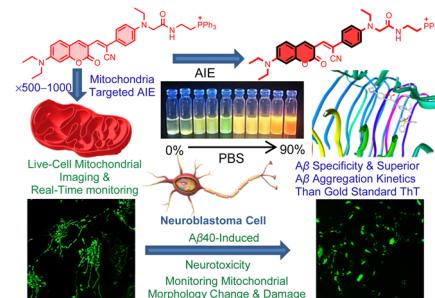
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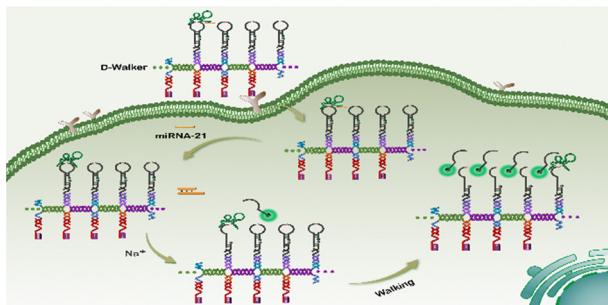
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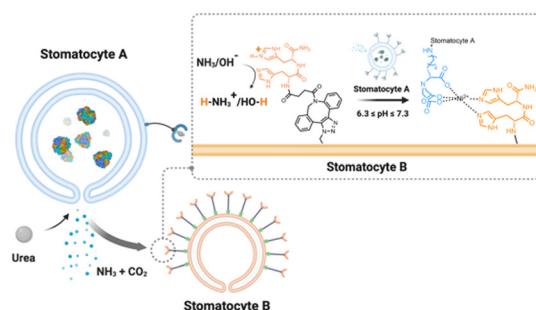
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A DNA nanowire based-DNAzyme walker for amplified imaging of microRNA in tumor cells

Haoqi Yang, Ziyong Wu, Shujuan Sun,* Shusheng Zhang and Pengfei Shi*

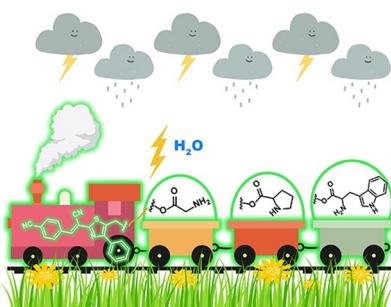
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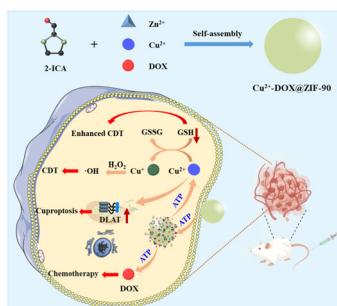
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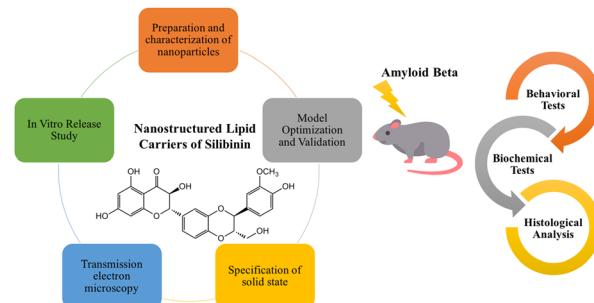


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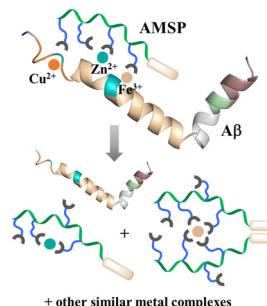
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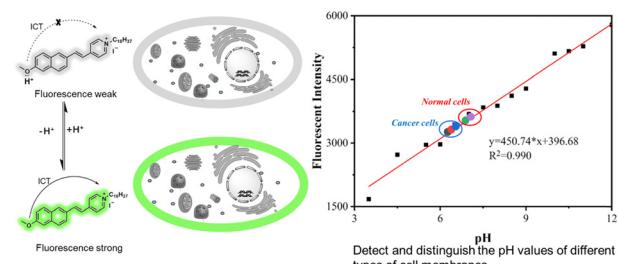
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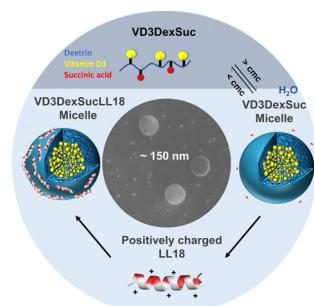
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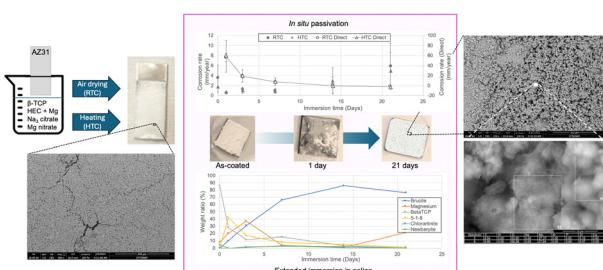
Development of a dextrin–vitamin D3 micelle nanocarrier for the antimicrobial peptide LLKKK18 as a potential therapeutic agent for bone infections

Alexandra Machado, Miguel Gama and José Alberto Martins*



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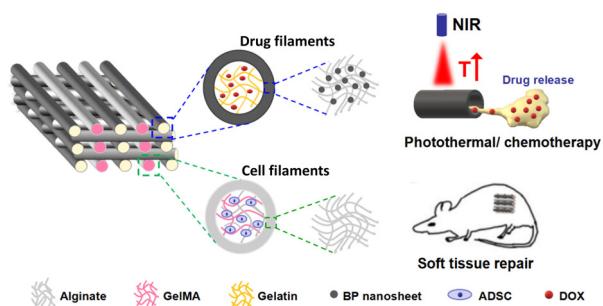
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Design and characterization of β -tricalcium phosphate-based self-passivating coatings on magnesium alloys

Erdem Şahin,* Roberta Ruggiero, Marco Tatullo, Francesco Paduano,* Meltem Alp and Ahmed Şeref

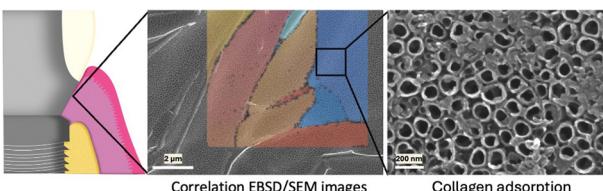
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3D-Printed hydrogel scaffolds with drug- and stem cell-laden core/shell filaments for cancer therapy and soft tissue repair

Ping Xia, Chunyang Liu,* Xiaoyue Wei, Jiali Guo and Yongxiang Luo*

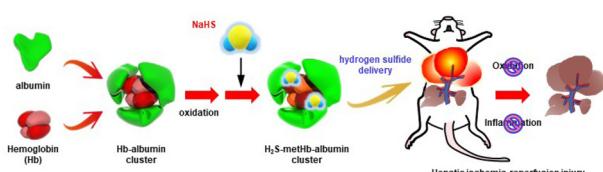
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Anodized SLM Ti6Al4V surfaces: influence of surface characteristics on NTs growth and resulted surfaces properties

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Hydrosulphide–methaemoglobin–albumin cluster: a hydrogen sulphide donor

Yuto Suzuki, Taiga Yamada, Yuki Enoki, Kazuaki Matsumoto, Teruyuki Komatsu and Kazuaki Taguchi*

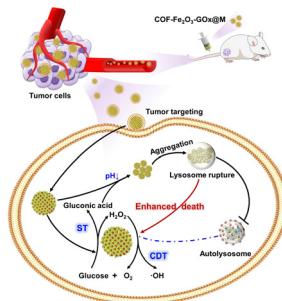


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Water-dispersible fluorescent COFs disturb lysosomal autophagy to boost cascading enzymatic chemodynamic–starvation therapy

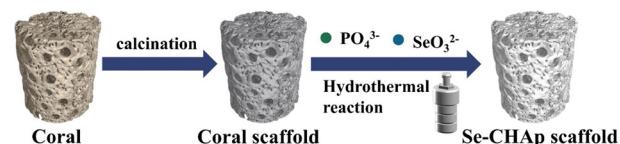
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EXPRESSION OF CONCERN

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Expression of concern: Surface modification engineering of two-dimensional titanium carbide for efficient synergistic multitherapy of breast cancer

Lei Bai, Wenhui Yi,* Taiyang Sun, Yilong Tian, Ping Zhang, Jinhai Si, Xun Hou and Jin Hou*