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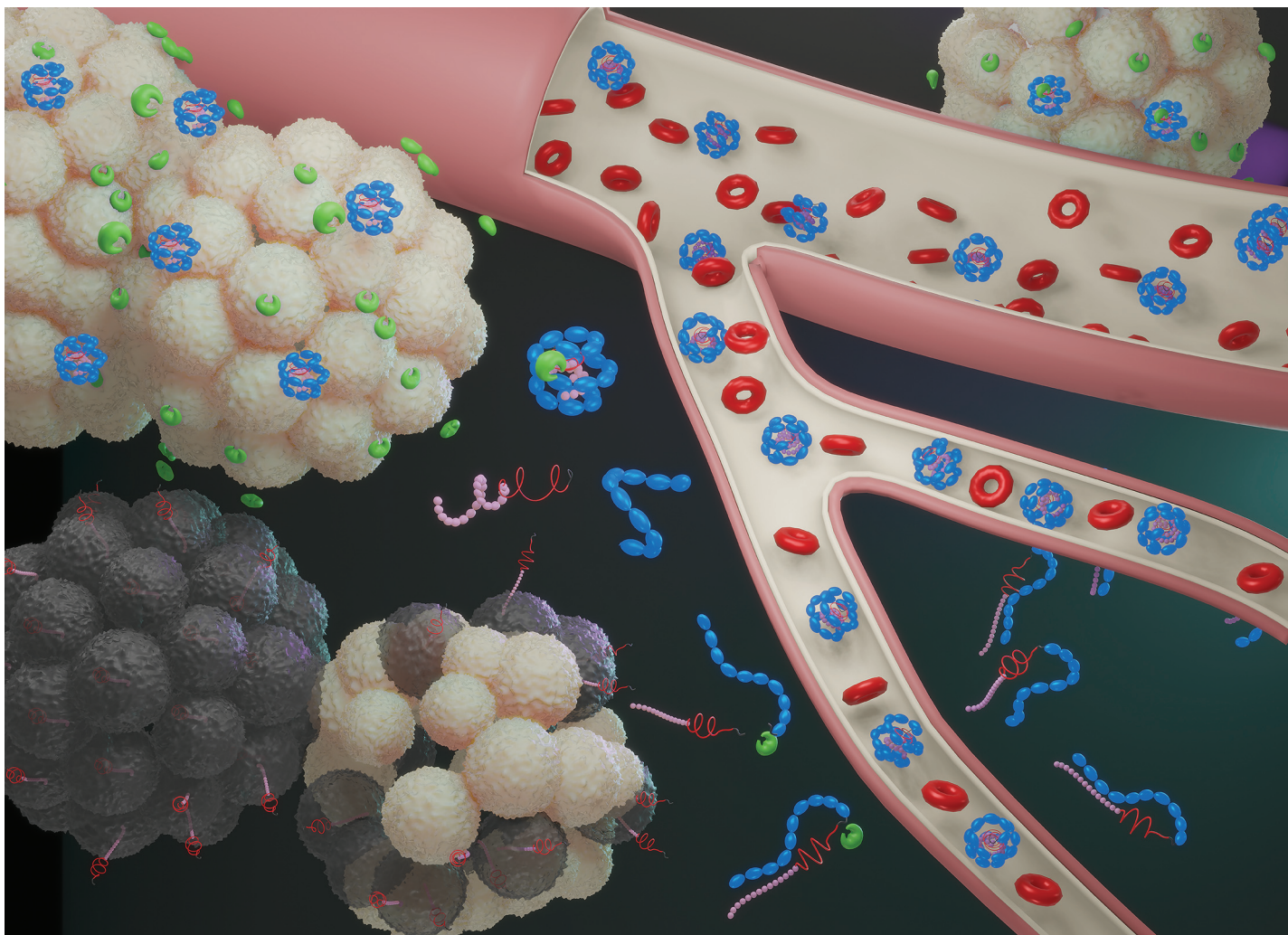


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Highlighting a research article from Prof. Guo-Bin Ding's laboratory at Institutes of Biomedical Sciences/School of Life Sciences, Inner Mongolia University, Hohhot, China.

Biosynthesized tumor acidity and MMP dual-responsive plant toxin gelonin for robust cancer therapy

Prof. Guo-Bin Ding's laboratory is working on tumor microenvironment-targeted delivery of macromolecular agents (proteins and nucleic acids). This article introduces a biosynthesized tumor acidity and MMP dual-responsive plant toxin gelonin (TPpG), TPpG could efficiently enter into and kill MMP-2 overexpressing HT1080 cells under weakly acidic condition, and notably inhibited subcutaneous HT1080 xenograft growth in mice.

As featured in:



See Guo-Bin Ding, Mingqiang Qiao, Zhuoyu Li *et al.*, *Biomater. Sci.*, 2024, 12, 346.