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Retraction: PEG-poly(amino acid)s/EpCAM aptamer multifunctional nanoparticles arrest the growth and metastasis of colorectal cancer

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Retraction of 'PEG-poly(amino acid)s/EpCAM aptamer multifunctional nanoparticles arrest the growth and metastasis of colorectal cancer' by Yingru Zhang *et al.*, *Biomater. Sci.*, 2021, **9**, 3705–3717, <https://doi.org/10.1039/D1BM00160D>.

The Royal Society of Chemistry hereby wholly retracts this *Biomaterials Science* article due to concerns with the reliability of the data.

In Fig. 5b, the EpCAM-TSIIA-NPs 32 h image is identical to an image in another paper by the authors,¹ specifically the intestinal BL1 mouse in Fig. 8a and the top left mouse image in Fig. 8b (intestinal FITC-GE11-Evo-NPs BLI 1 h) of ref. 1.

In Fig. 6E, the EpCAM-TSIIA-NPs image overlaps with an image in another paper by the authors,¹ specifically the Ge11-Evo-NPs image in Fig. 6A of ref. 1.

An independent expert has raised concerns regarding the accuracy of the error bars and the authors have not been able to address this.

Given the number and significance of the concerns about the validity of the data, the findings presented in this paper are no longer reliable.

The authors were informed about the retraction of the article. Jianfeng Cai has agreed with the decision, and the other authors have not responded.

Signed: Jianfeng Cai

Date: 3rd October 2024

Retraction endorsed by Maria Southall, Executive Editor, *Biomaterials Science*

References

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