

CORRECTION

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

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Correction for 'Hedgehog-inspired immunomagnetic beads for high-efficient capture and release of exosomes' by Jia Cheng et al., *J. Mater. Chem. B*, 2022, 10, 4059–4069, <https://doi.org/10.1039/D2TB00226D>.

The authors regret that due to file compilation errors, Fig. 4D and F, and Fig. 6J–L were incorrect in the manuscript. The corrected versions of Fig. 4 and 6 are provided below.

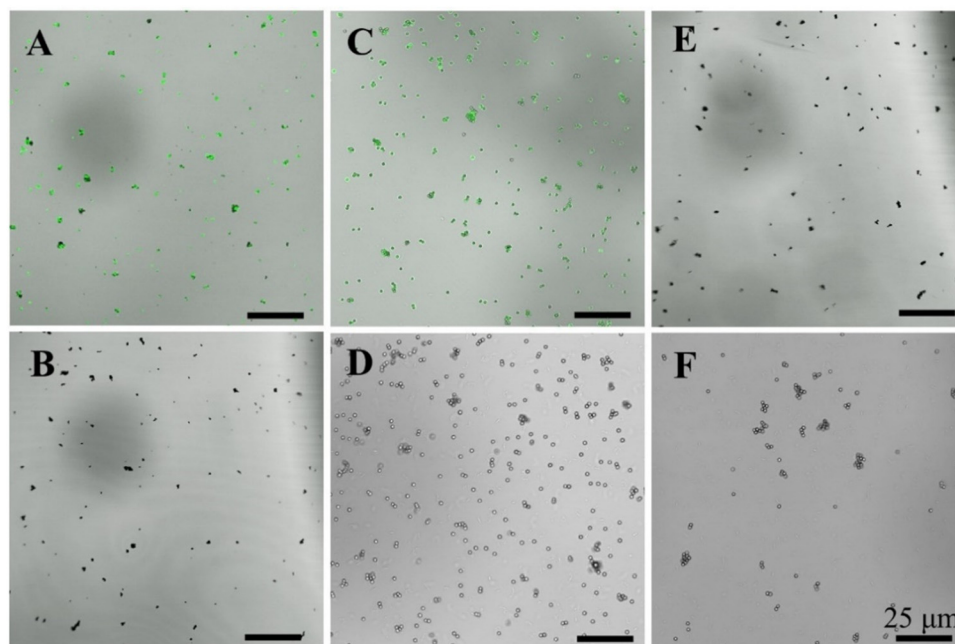


Fig. 4 CLSM images of 500 μg of (A) IMHPs ($\text{TiO}_2\text{@Fe}_3\text{O}_4$ -anti-CD63 HPs), (B) $\text{TiO}_2\text{@Fe}_3\text{O}_4$ -biotin HPs, (C) $\text{SiO}_2\text{@Fe}_3\text{O}_4$ -anti-CD63 MPs and (D) $\text{SiO}_2\text{@Fe}_3\text{O}_4$ -biotin MPs after incubation with 2 μg of FITC-labeled goat anti-rabbit IgG in 500 μL of PBS at room temperature for 2 h. 200 μL of TCEP (20 mM)-induced disulfide cleavage occurred at 37 $^\circ\text{C}$ for 30 min to fade away the corresponding fluorescence signals of the FITC-labeled goat anti-rabbit IgG on (E) IMHPs and (F) $\text{SiO}_2\text{@Fe}_3\text{O}_4$ -anti-CD63 MPs (excitation 488 nm, emission 520 nm).

Additionally, the figure captions of Fig. 3(E) and (F), and Fig. 8 were incorrect. The corrected versions should read: **Fig. 3** (E) $\text{TiO}_2\text{@Fe}_3\text{O}_4$ -biotin HPs and (F) $\text{SiO}_2\text{@Fe}_3\text{O}_4$ -biotin MPs (excitation 488 nm, emission 520 nm). **Fig. 8** Capture efficiency of exosomes (5.1×10^8 particles per mL, 200 μL) incubated with varying amounts of (A) IMHPs, (B) $\text{TiO}_2\text{@Fe}_3\text{O}_4$ -biotin HPs and (C) $\text{SiO}_2\text{@Fe}_3\text{O}_4$ -anti-CD63 MPs at room temperature for 1 h.

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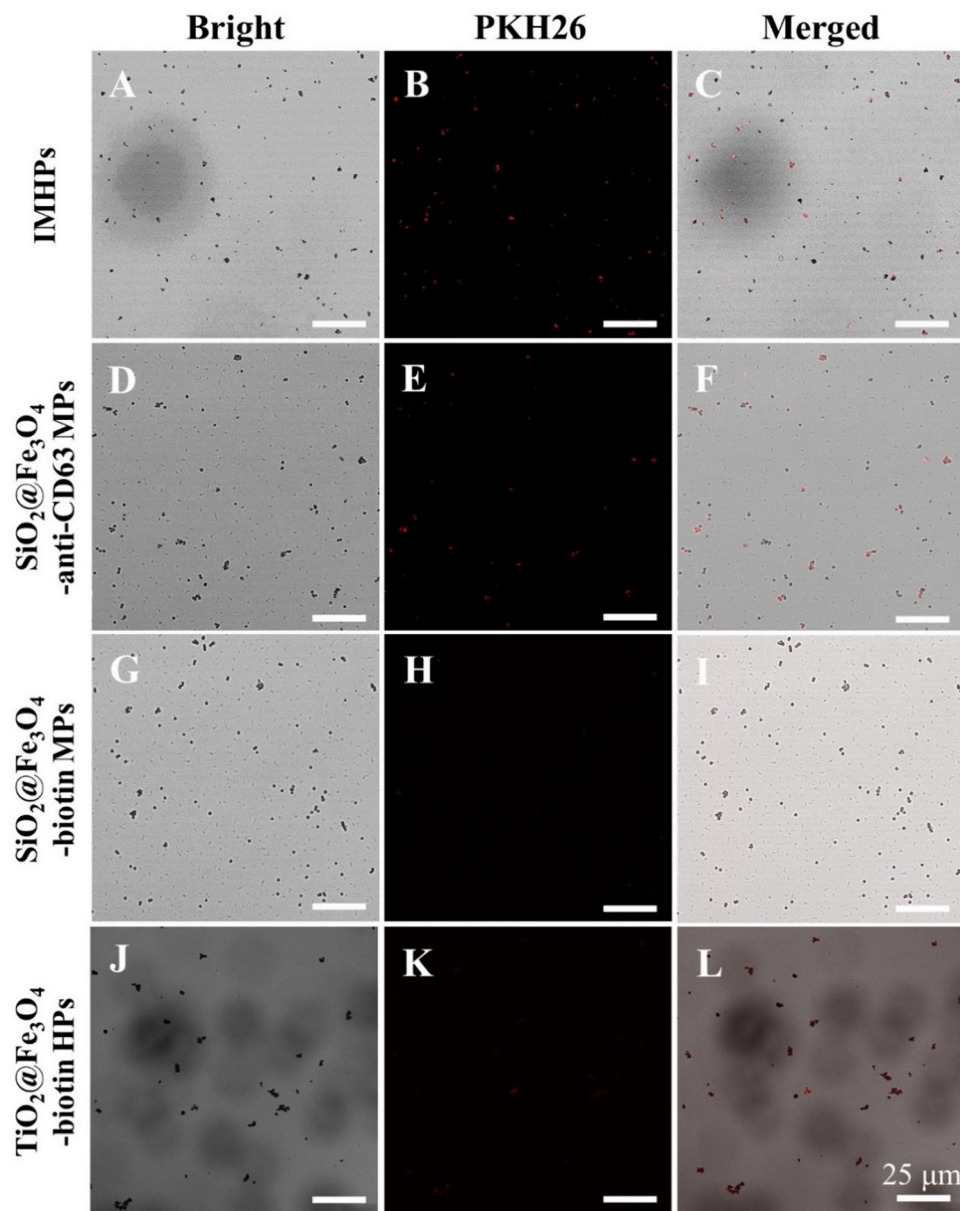


Fig. 6 Verification of the feasibility of exosome enrichment. After incubating the material and exosomes (pre-stained with PKH26) for 1 h, the CLSM images of (A–C) $\text{TiO}_2\text{@Fe}_3\text{O}_4$ -anti-CD63 HPs + exosome, (D–F) $\text{SiO}_2\text{@Fe}_3\text{O}_4$ -anti-CD63 MPs + exosome, (G–I) $\text{SiO}_2\text{@Fe}_3\text{O}_4$ -biotin MPs + exosome, and (J–L) $\text{TiO}_2\text{@Fe}_3\text{O}_4$ -biotin HPs + exosome were recorded (excitation 551 nm, emission 567 nm).

An independent expert has viewed the original and new images and has concluded that they are consistent with the discussions and conclusions presented.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

