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Correction: Near-infrared control and real-time detection of osteogenic differentiation in mesenchymal stem cells by multifunctional upconversion nanoparticles

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Correction for 'Near-infrared control and real-time detection of osteogenic differentiation in mesenchymal stem cells by multifunctional upconversion nanoparticles' by Kaipeng Wang *et al.*, *Nanoscale*, 2020, **12**, 10106–10116, DOI: 10.1039/D0NR00872A.

The authors regret that Fig. 8 shown in the original manuscript displayed interchanged confocal images of the control group and UCNP group in error. A corrected version of Fig. 8 is displayed below, in which this issue has been addressed, along with the unaltered original caption. The ICA group has also been amended here to more closely resemble the true conditions (significant osteogenic differentiation).

This error does not affect any of the experimental results and discussion or conclusions reported in the paper.

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

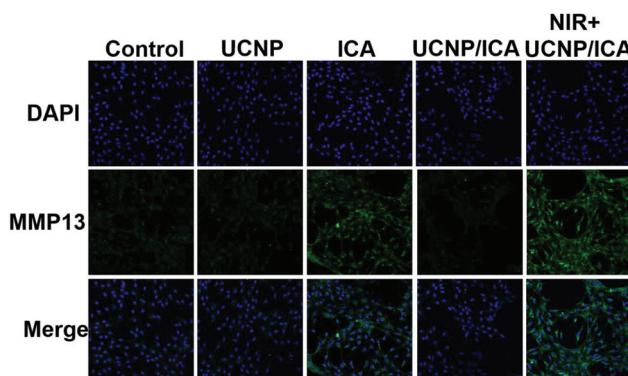


Fig. 8 The confocal images of immunofluorescence staining against the MMP13 protein after seven days of inducing osteogenic differentiation of MSCs with different treatments. The ICA group and the UCNP/ICA + NIR group showed a high expression of MMP13 with the immunofluorescence staining. UCNP and UCNP/ICA: $100 \mu\text{g mL}^{-1}$; ICA: $10 \mu\text{M}$; NIR: 1W cm^{-2} with 1 h. Scale bar: $50 \mu\text{m}$.

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