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

Kaipeng Wang,<sup>a</sup> Qian Wu,<sup>a</sup> Xichao Wang,<sup>a</sup> Guohai Liang,<sup>a</sup> Anli Yang<sup>\*b</sup> and Jinming Li<sup>\*a</sup>

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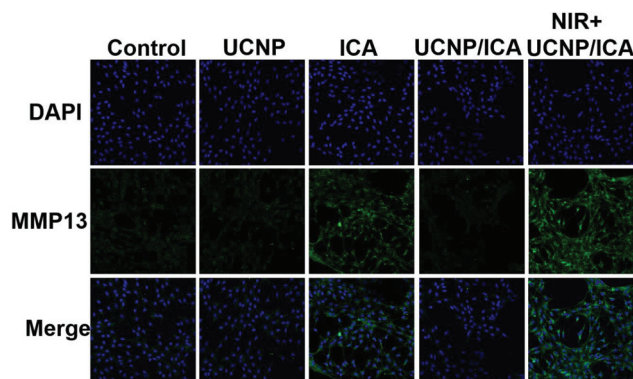
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Correction for 'Near-infrared control and real-time detection of osteogenic differentiation in mesenchymal stem cells by multifunctional upconversion nanoparticles' by Kaipeng Wang *et al.*, *Nanoscale*, 2020, **12**, 10106–10116, DOI: 10.1039/D0NR00872A.

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: 1  $\text{W cm}^{-2}$  with 1 h. Scale bar: 50  $\mu\text{m}$ .

<sup>a</sup>Guangdong Provincial Key Laboratory of Laser Life Science, MOE Key Laboratory of Laser Life Science & Institute of Laser Life Science, College of Biophotonics, South China Normal University, Guangzhou 510631, China. E-mail: lijnm@scnu.edu.cn

<sup>b</sup>Department of Breast Oncology, Sun Yat-sen University Cancer Center, State Key Laboratory of Oncology in South China, Collaborative Innovation Center for Cancer Medicine, Guangzhou 510060, China. E-mail: yangal@sysucc.org.cn

