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CORRECTION

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Correction: Enhancing the chemotherapeutic efficacy of platinum prodrug nanoparticles and inhibiting cancer metastasis by targeting iron homeostasis

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Correction for 'Enhancing the chemotherapeutic efficacy of platinum prodrug nanoparticles and inhibiting cancer metastasis by targeting iron homeostasis' by Fang Ding et al., Nanoscale Horiz., 2020, 5, 999-1015, https://doi.org/10.1039/D0NH00148A

The authors regret errors in Fig. 5 and 7 in the original article. In Fig. 5A, the wound healing image of cells treated with NPs + Dp44mT at 0 h was identical to the NPs treatment group at 0 h due to an error when creating the figure, and the scale bars were not consistent in Fig. 5A or 5B. The new Fig. 5 provided here replaces the originally published figure and contains the correct images.

In Fig. 7F, the weight of tumors of mice at the end of the administration period with the treatment of (b) cisplatin (2.5 mg Pt per kg body weight) and (c) Dp44mT (3 mg Pt per kg body weight) were labelled conversely by accident. This is corrected in the new Fig. 7F here.

An independent expert has viewed the corrected figures and confirmed 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.

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Correction

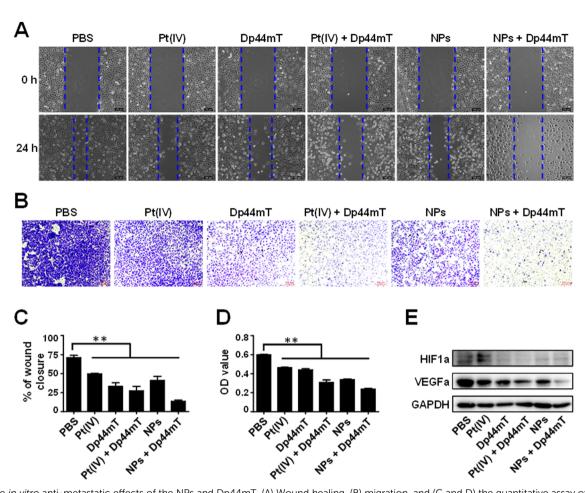


Fig. 5 The in vitro anti-metastatic effects of the NPs and Dp44mT. (A) Wound healing, (B) migration, and (C and D) the quantitative assay of A549DDP cells with various treatments for 24 h: PBS, 2.5 µM Pt(IV), 0.25 µM Dp44mT, 2.5 µM Pt(IV) + 0.25 µM Dp44mT, 2.5 µM NPs and 2.5 µM NPs + 0.25 µM Dp44mT. (E) Expression patterns of HIF1 α and VEGF α in A549DDP cells exposed to the above treatments for 24 h. Scale bar: 100 μ m. **p < 0.01 for comparison with the control.

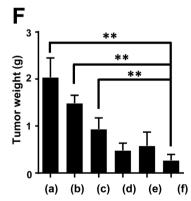


Fig. 7 (F) In vivo biodistribution and antitumor effects of the NPs with Dp44mT, weights of the tumors removed from the mice at the end of the administration period with different treatments as follows: (a) PBS, (b) cisplatin (2.5 mg Pt per kg body weight), (c) Dp44mT (3 mg Pt per kg body weight), (d) cisplatin (2.5 mg Pt per kg body weight) + Dp44mT (3 mg Pt per kg body weight), (e) NPs (2.5 mg Pt per kg body weight), and (f) NPs (2.5 mg Pt per kg body weight) + Dp44mT (3 mg Pt per kg body weight). **p < 0.01.