

## CORRECTION

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## Correction: Enhanced DNA release from disulfide-containing layered nanocomplexes by heparin-electrostatic competition

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Correction for 'Enhanced DNA release from disulfide-containing layered nanocomplexes by heparin-electrostatic competition' by Zhenzhen Chen *et al.*, *J. Mater. Chem. B*, 2015, **3**, 225–237, <https://doi.org/10.1039/c4tb01113a>.

The authors regret an error in Fig. 9E (DPS panel).

During the manuscript preparation, the immunohistochemistry data in the Fig. 9E (DPS panel) was inconsistent with the raw data. The corrected Fig. 9E, containing updated DPS panel and unchanged HEPES panel, is shown here.

The updated DPS panel showed comparable expression levels of Bmi-1 to the primary DPSHA panel, both expressing lower Bmi-1 than HEPES and higher than DPSHA-HP. Here we also showed the HEPES panel of *in vitro* data. As shown in Fig. 8C, the Bmi-1 expression levels in the HEPES group (containing no shBmi-1) are much higher than the DPS group (containing shBmi-1), and the fold change of "DPS *vs.* DPSHA" (about 2–2.5) is smaller than "HEPES *vs.* DPS" (about 4–5) and "DPSHA *vs.* DPSHA-HP" (about 4) *in vitro* assay. In tumor tissues, the "DPS *vs.* DPSHA" difference is almost lost, whereas "HEPES *vs.* DPS" and "DPSHA *vs.* DPSHA-HP" are still maintained. These data highlight the excellent knockdown efficiency of DPSHA-HP even after long-term tumor initiation, consistent with our major conclusion.

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

The authors sincerely apologize for any inconvenience caused.

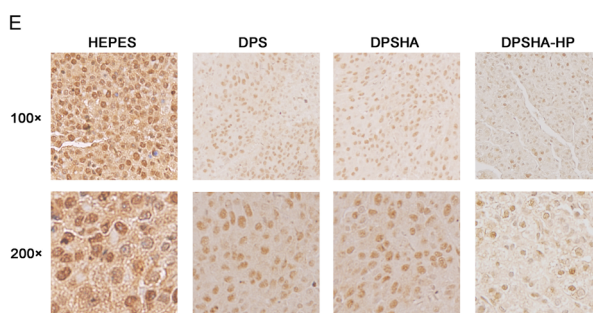
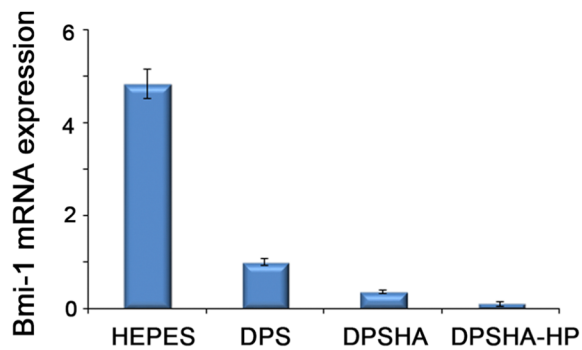


Fig. 9 (E) DPS-treated and control HEPES-treated tumors were achieved and Bmi-1 expression was detected using immunohistochemistry.



**Fig. 8** (C) containing HEPES panel: mRNA was extracted from HEPES, DPS, DPSHA and DPSHA-HP spheres, and Bmi-1 expression was detected using real-time PCR.

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

