Corrigendum

Corrigendum to 'Mitochondria localizing high-spin iron complexes of curcumin for photo-induced drug release' [Inorg. Chim. Acta 483 (2018) 571–578]

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We found an error in Fig. 6 showing similarity among few lanes of the gel diagram. The earlier image has been replaced with the corrected one which is given below. This correction does not change the conclusions of the article. The authors would like to apologise for any inconvenience caused.

Appendix A. Supplementary material

Supplementary data to this article can be found online at <https://doi.org/10.1016/j.ica.2019.04.052>.

Fig. 6. Agarose gel (0.8%) electrophoresis diagram showing (a) DNA cleavage activity of 20 μM complexes 1–3 under dark (D) and in visible light of 446 nm (L, 50 mW diode laser) using SC pUC19 DNA (0.2 μg, 30 μM) for an exposure time of 1 h: lane-1, DNA control (D); lane-2, DNA + 1 (D); lane-3, DNA + 2 (D); lane-4, DNA + 3 (D); lane-5, DNA + 1 (L); lane-6, DNA + 2 (L); lane-7, DNA + 3 (L). (b) Chemical nuclease activity of 1–3 in dark for 2 h incubation time using glutathione (GSH, 1 mmol) and H₂O₂ (1 mmol): lane-1, DNA control; lane-2, DNA + GSH; lane-3, DNA + H₂O₂; lane-4, DNA + 1; lane-5, DNA + 1 + GSH; lane-6, DNA + 1 + H₂O₂; lane-7, DNA + 2; lane-8, DNA + 2 + GSH; lane-9, DNA + 3; lane-10, DNA + 3 + GSH; lane-11, DNA + 3 + H₂O₂ (lanes 1–11 were from one set of experiment but the image was captured in three frames); lane-12, DNA control; lane-13, DNA + 2 + H₂O₂. Mechanistic study using the complexes 1 [abbreviated as C in (c), 20 μM] and 2 [abbreviated as C in (d), 30 μM] in light of 446 nm (L, 50 mW diode laser) and SC pUC19 DNA (0.2 μg, 30 μM): lane-1, DNA control; lane-2, DNA + C (L); lane-3, DNA + C + KI (L); lane-4, DNA + C + DMSO (L); lane-5, DNA control; lane-6, DNA + C (L); lane-7, DNA + C + TEMP (L); lane-8, DNA + C + NaN₃ (L); lane-9, DNA + C + catalase (L); lane-10, DNA + C + SOD (L) [NaN₃/KI/TEMP, 1 mmol; DMSO, 4 μL; catalase/SOD, 4 units]. No formation of linear DNA was observed under photo-irradiated conditions.

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