



Cite this: *Nanoscale*, 2020, **12**, 17947

DOI: 10.1039/d0nr90189j

rsc.li/nanoscale

Correction: An amplification-free colorimetric test for sensitive DNA detection based on the capturing of gold nanoparticle clusters

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Correction for 'An amplification-free colorimetric test for sensitive DNA detection based on the capturing of gold nanoparticle clusters' by Giuseppina Tatulli, *et al.*, *Nanoscale*, 2020, **12**, 15604–15610, DOI: 10.1039/D0NR03517C.

The authors regret that in the original manuscript, Fig. 3 contained labelling that incorrectly highlighted the cluster image in panel E as corresponding to a cluster in panel C. This is incorrect, with panel E displaying an image of a representative cluster – not specifically the one in panel C. A corrected version of Fig. 3 is displayed below, along with the corrected caption. This error does not affect any of the experimental results and discussion or conclusions reported in the paper, only the display of the figure.

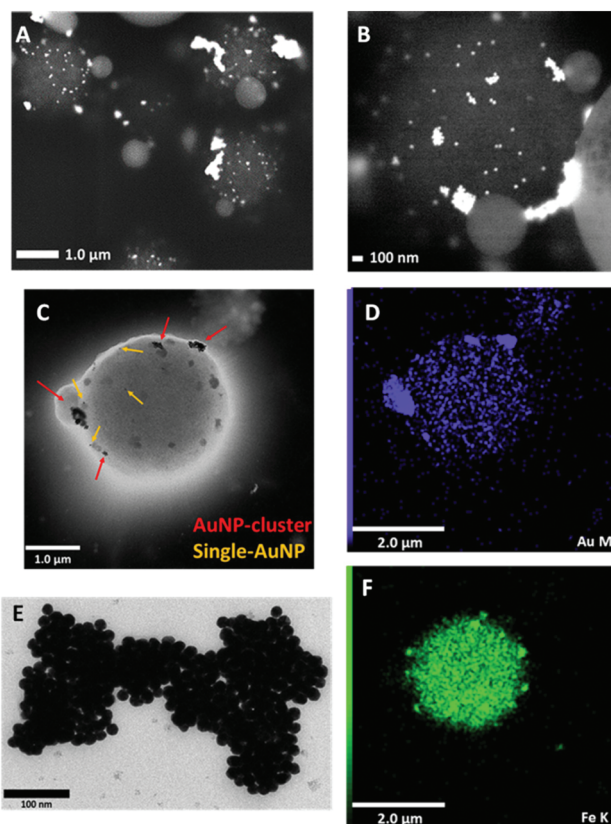


Fig. 3 SEM, TEM and EDX characterization of a positive test. (A and B) Representative SEM images of the magnetic microbeads decorated with both AuNP clusters and single AuNPs. (C) TEM image of a magnetic bead, in which the presence of large AuNP clusters is clearly visible (red arrows) together with single AuNPs (yellow arrows, less visible because of their much lower contrast). (D)–(F) EDX analysis showing the extensive capturing of the gold nanoprobe (Au, blue dots) onto the magnetic bead (Fe, green dots). (E) Magnified cluster of AuNPs.

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

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