



Cite this: *J. Mater. Chem. B*, 2018, 6, 8238

Retraction: A battle between spherical and cube-shaped Ag/AgCl nanoparticle modified imprinted polymer to achieve femtogram detection of alpha-feto protein

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DOI: 10.1039/c8tb90176g

rsc.li/materials-b

Retraction of 'A battle between spherical and cube-shaped Ag/AgCl nanoparticle modified imprinted polymer to achieve femtogram detection of alpha-feto protein' by Paramita Karfa *et al.*, *J. Mater. Chem. B*, 2016, 4, 5534–5547.

The Royal Society of Chemistry hereby wholly retracts this *Journal of Materials Chemistry B* article due to concerns with the reliability of the data in the published article.

The XPS data in Fig. 1C duplicates data that was reported in other publications as different materials.^{1–7}

The TEM images in Fig. 2C and S1 contain duplications of the same particles within the images.

The UV-Vis spectra in Fig. 3A are identical but they have been reported as different samples.

A repeating pattern can be observed in the XPS spectra in Fig. S3 in the 650–800 eV range.

Given the number and significance of the concerns, the validity of the data and, therefore, the conclusions presented in this paper are no longer reliable.

The Royal Society of Chemistry apologises for the fact that these concerns were not identified during the peer review process.

Paramita Karfa, Rashmi Madhuri and Prashant K. Sharma oppose the retraction.

Signed: Sam Keltie, Executive Editor, *Journal of Materials Chemistry B*.

Date: 23rd November 2018.

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