## **PUBLISHER CORRECTION**



## Correction to: Integrated device for colorimetric detection of arsenite using polyethylene glycol capped gold nanoparticles—Lab-on-chip

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Published online: 25 August 2021 © Korean Society of Environmental Risk Assessment and Health Science 2021

Correction to: Toxicology and Environmental Health Sciences https://doi.org/10.1007/s13530-021-00095-5

Due to an unfortunate oversight during the correction process, the figures as well as the author name from Shalvi have not been updated.

The author name Shalvi Sharma should be read Shalvi. The correct figures are as given below (Figs. 2, 5, 6): The original article has been updated.

The original article can be found online at https://doi.org/10.1007/s13530-021-00095-5.



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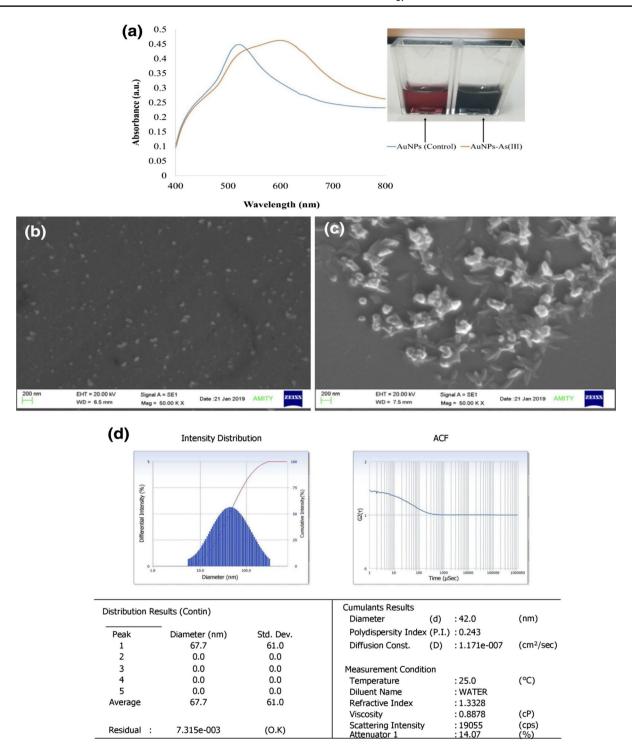


Fig. 2 a UV-visible spectroscopy spectra of PEG-AuNPs with As (III); **b** scanning electron microscopy images of bare PEG-AuNPs; **c** PEG-AuNPs with As (III); **d** dynamic light scattering of bare PEG-AuNPs



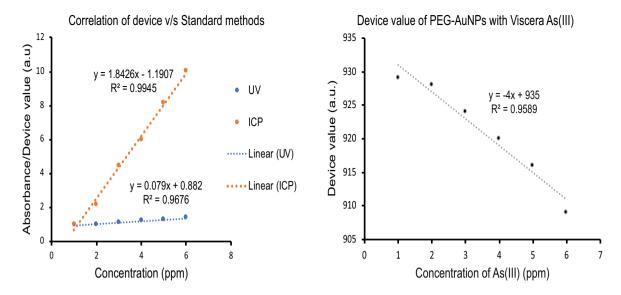


Fig. 5 Correlation graph showing relative observation of As (III) in tissue samples via UV-Vis, ICP-OES and fabricated hand-held device

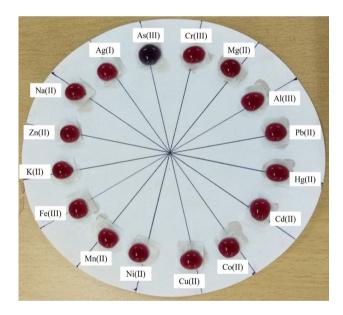


Fig. 6 Circular representation of interference study of PEG-AuNPs towards other toxic metal ions with reference to As (III)

