



Cite this: *Nanoscale*, 2017, **9**, 11338

## Correction: Dependence of gold nanoparticle radiosensitization on cell geometry

Wonmo Sung,<sup>a,b,c</sup> Sung-Joon Ye,<sup>\*b,c,d</sup> Aimee L. McNamara,<sup>a,e</sup> Stephen J. McMahon,<sup>f</sup> James Hainfeld,<sup>g</sup> Jungwook Shin,<sup>a,e</sup> Henry M. Smilowitz,<sup>h</sup> Harald Paganetti<sup>a,e</sup> and Jan Schuemann<sup>\*a,e</sup>

DOI: 10.1039/c7nr90158e

[rsc.li/nanoscale](http://rsc.li/nanoscale)

Correction for 'Dependence of gold nanoparticle radiosensitization on cell geometry' by Wonmo Sung, *et al.*, *Nanoscale*, 2017, **9**, 5843–5853.

The authors have noticed that in the original version of this article there was a typographical error in the Methods section. The dose response equation in the text

$$S_x(D) = \begin{cases} e^{-\alpha D - \beta D^2} & (D \leq D_t) \\ e^{-\alpha D_t - \beta D_t^2} e^{S_{\max}(D - D_t)} & (D > D_t) \end{cases}$$

is different from that in ref. 36. The correct equation of the dose response curve is

$$S_x(D) = \begin{cases} e^{-\alpha D - \beta D^2} & (D \leq D_t) \\ e^{-\alpha D_t - \beta D_t^2} e^{-S_{\max}(D - D_t)} & (D > D_t) \end{cases}$$

All figures and other values made use of the correct equation. Therefore, this error does not affect our scientific conclusions. The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

<sup>a</sup>Department of Radiation Oncology, Massachusetts General Hospital, Boston, Massachusetts, USA. E-mail: jschuemann@mgh.harvard.edu

<sup>b</sup>Program in Biomedical Radiation Sciences, Department of Transdisciplinary Studies, Graduate School of Convergence Science and Technology, Seoul National University, Seoul, South Korea. E-mail: sye@snu.ac.kr

<sup>c</sup>Biomedical Research Institute, Seoul National University College of Medicine, Seoul, South Korea

<sup>d</sup>Robotics Research Laboratory for Extreme Environment, Advanced Institutes of Convergence Technology, Seoul National University, Suwon, South Korea

<sup>e</sup>Harvard Medical School, Boston, Massachusetts, USA

<sup>f</sup>Centre for Cancer Research and Cell Biology, Queen's University Belfast, Belfast, UK

<sup>g</sup>Nanoprobes Inc. Yaphank, New York, USA

<sup>h</sup>UConn Health, Farmington, Connecticut, USA

