

## CORRECTION


 Cite this: *RSC Adv.*, 2019, 9, 33193

## Correction: Enhancing the anti-ovarian cancer activity of quercetin using a self-assembling micelle and thermosensitive hydrogel drug delivery system

 Guangya Xu,<sup>a</sup> Bin Li,<sup>a</sup> Ting Wang,<sup>a</sup> Jun Wan,<sup>a</sup> Yan Zhang,<sup>a</sup> Jingwei Huang<sup>a</sup> and Yangmei Shen<sup>\*bc</sup>

DOI: 10.1039/c9ra90071c

[www.rsc.org/advances](http://www.rsc.org/advances)

 Correction for 'Enhancing the anti-ovarian cancer activity of quercetin using a self-assembling micelle and thermosensitive hydrogel drug delivery system' by Guangya Xu *et al.*, *RSC Adv.*, 2018, 8, 21229–21242.

The authors regret that Fig. 8A and C in the original article contained errors, due to incorrect data sets being used for the image preparation. The correct version of Fig. 8 is shown below.

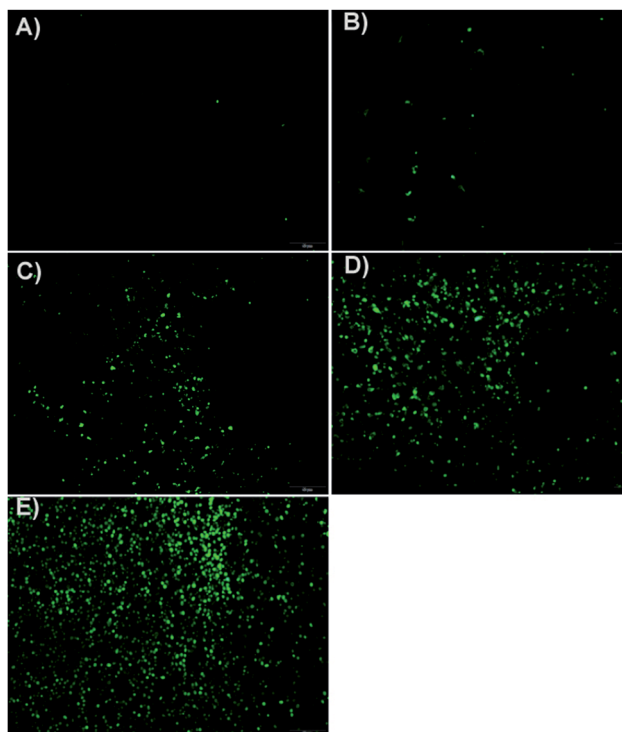
In addition, on page 21237 of the original manuscript in the section titled “3.3.4 Induction of tumor cell apoptosis *in vivo*”, a sentence should be corrected. “The apoptotic index in Qu-M-hydrogel composites, Qu-M, free quercetin (Free-Qu), empty hydrogel and normal saline (NS) were 72.7% ± 6.34%, 43.23% ± 4.68%, 28.23% ± 3.23%, 2.14% ± 0.57%, and 1.31% ± 0.43, respectively,” should be “The apoptotic index in Qu-M-hydrogel composites, Qu-M, free quercetin (Free-Qu), empty hydrogel and normal saline (NS) were 72.7% ± 6.34%, 43.23% ± 4.68%, 23.41% ± 5.37%, 2.14% ± 0.57%, and 1.52% ± 0.35, respectively”.

<sup>a</sup>Department of Anatomical Pathology and Pathophysiology, College of Medicine, Chengdu University, Chengdu, People's Republic of China

<sup>b</sup>Department of Pathology, West China Second University Hospital, Sichuan University, Chengdu, 610041, PR China. E-mail: symjulia@126.com; Fax: +86 2885164060; Tel: +86 2885164063

<sup>c</sup>Key Laboratory of Birth Defects and Related Diseases of Women and Children (Sichuan University), Ministry of Education, West China Second University Hospital, Sichuan University, Chengdu, 610041, PR China





**Fig. 8** TUNEL assay. The tumor tissue sections of the normal saline (NS) treated group (A), empty hydrogel (EG) treated group (B), free quercetin (FQ) treated group (C), Qu-M (QM) treated group (D), and Qu-M-hydrogel composite (QMG) treated group (E) were stained with TUNEL for the cell apoptosis assay, indicating that inducing apoptosis may be one of the anti-tumor mechanisms of the Qu-M-hydrogel composites (QMGs), Qu-M (QM), and free quercetin (FQ) *in vivo*.

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