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Update to expression of concern: Filled and peptide-modified single-walled carbon nanotubes: synthesis, characterization, and *in vitro* test for cancer cell targeting

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Update to expression of concern for 'Filled and peptide-modified single-walled carbon nanotubes: synthesis, characterization, and *in vitro* test for cancer cell targeting' by Zhiyuan Hu *et al.*, *RSC Adv.*, 2015, 5, 16792–16800.

The following article 'Filled and peptide-modified single-walled carbon nanotubes: synthesis, characterization, and *in vitro* test for cancer cell targeting' has been published in *RSC Advances*.

RSC Advances published an expression of concern in order to alert our readers to the fact that the Royal Society of Chemistry had been provided with credible information suggesting that the results presented in this paper, in particular Fig. 1 and 3 and the ESI, may not be reliable.

We are now able to provide the following update:

The characterisation data reported in Fig. S1 and S2 (ESI) were reproduced from a previous *Chemical Communications* paper which was co-authored by the corresponding author of this *RSC Advances* paper, Zhiyuan Hu.¹ The corresponding author has confirmed that the characterisation data were not measured directly from the materials reported in this *RSC Advances* paper.

The authors have repeated their synthesis and characterisation to provide the following replacement figures:

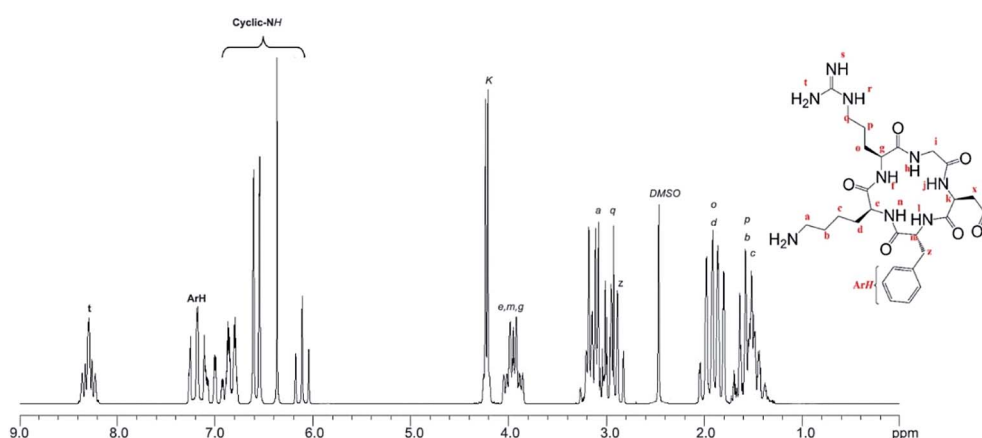


Fig. S1 ¹H NMR of cyclo-(RGDfK) (8).



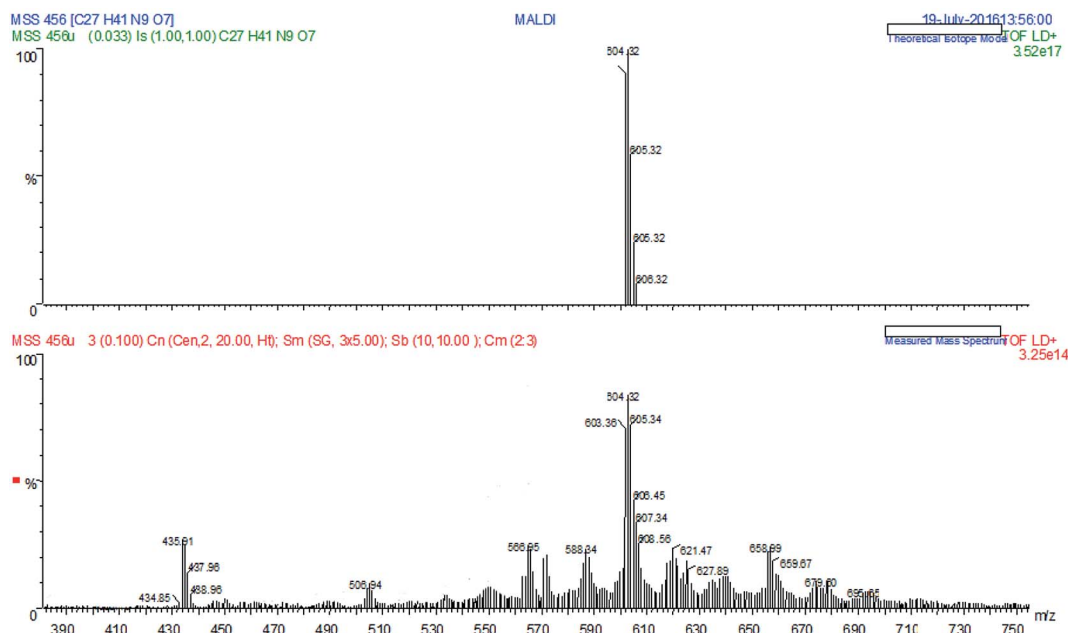


Fig. S2 MALDI spectrum of cyclo-(RGDFK), (8) Theoretical (above) and Measured (below) isotopic pattern of (8) showing peak at m/z 604.32 corresponding to $[M + H]^+$.

The corresponding author regrets that due to problems with file management he cannot verify the origin of Fig. 1b and 3c, therefore he cannot be certain that these images are representative of the materials reported.

The Expression of Concern will continue to be associated with this article until we receive independent verification from China University of Petroleum that the reported results are sound.

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23rd June 2017

Executive Editor, *RSC Advances*

References

- 1 Zhiyuan Hu, *et al.*, *Chem. Commun.*, 2015, **51**, 6901–6904.

