


 Cite this: *RSC Adv.*, 2023, 13, 26323

## Retraction: Structural characterization and anticancer potency of centipede oligopeptides in human chondrosarcoma cancer: inducing apoptosis

Yuebing Ren, Haibo Song, Yuanpeng Wu, Xiaochun Ma, Xuezhong Yu, Jia Liu, Jianhui Sun and Zhicheng Zhang\*

DOI: 10.1039/d3ra90082g

[rsc.li/rsc-advances](https://rsc.li/rsc-advances)

 Retraction of 'Structural characterization and anticancer potency of centipede oligopeptides in human chondrosarcoma cancer: inducing apoptosis' by Yuebing Ren *et al.*, *RSC Adv.*, 2020, 10, 29780–29788, <https://doi.org/10.1039/D0RA04811A>.

The Royal Society of Chemistry hereby wholly retracts this *RSC Advances* article due to significant portions of text overlap with a number of sources throughout the article, in particular ref. 13 and 14 of the original article and ref. 1–6 below, which were not cited.

The authors were informed about the retraction of this article but did not respond.

Signed: Laura Fisher, Executive Editor, *RSC Advances*

Date: 22nd August 2023

## References

- 1 J. Q. Zhao, J. Yang, Z. Hao, Y. An, M. Zhang, J. Liu, R. Ren and D. Lin, Structural characterization of centipede oligopeptides and capability detection in human small cell lung carcinoma: inducing apoptosis, *RSC Adv.*, 2019, 9, 10927–10936, DOI: [10.1039/C8RA09018A](https://doi.org/10.1039/C8RA09018A) (Retraction published 27th April 2022, *RSC Adv.*, 2022, 12, 11492).
- 2 J.-F. Liu, C.-Y. Chen, H.-T. Chen, C.-S. Chang and C.-H. Tang, BL-038, a Benzofuran Derivative, Induces Cell Apoptosis in Human Chondrosarcoma Cells through Reactive Oxygen Species/Mitochondrial Dysfunction and the Caspases Dependent Pathway, *Int. J. Mol. Sci.*, 2016, 17(9), 1491, DOI: [10.3390/ijms17091491](https://doi.org/10.3390/ijms17091491).
- 3 M. Zheng, X. Yan, F. Bu, F. Zhang, Z. Li, J. Cui, J. Liu and M. Dong, Structural characterization of *Mesobuthus martensii* Karsch peptides and anti-inflammatory potency evaluation in human vascular endothelial cells, *RSC Adv.*, 2019, 9, 19365–19374, DOI: [10.1039/C9RA01609K](https://doi.org/10.1039/C9RA01609K) (Retraction published 27th April 2022, *RSC Adv.*, 2022, 12, 11671).
- 4 J. Liu, H. Wang, G. Wang, Q. Luo, H. Cao, X. Liu, Z. Zhang, P. Yang and Z. Liu, Anti-inflammatory potency of *Locusta migratoria manilensis* cyclopeptides in mast cells and macrophages, *RSC Adv.*, 2019, 9, 31296–31305, DOI: [10.1039/C9RA06284J](https://doi.org/10.1039/C9RA06284J) (Retraction published 27th April 2022, *RSC Adv.*, 2022, 12, 11604).
- 5 M. Zheng, W. Ju, J. Chen, Y. Yuan, C. Zhang, F. Liu and F. Zhang, Structural characterization and anti-inflammatory potency of *Mesobuthus martensii* Karsch oligopeptides in lipopolysaccharide (LPS)-induced RAW264.7 macrophages, *RSC Adv.*, 2019, 9, 24822–24832, DOI: [10.1039/C9RA01623F](https://doi.org/10.1039/C9RA01623F) (Retraction published 27th April 2022, *RSC Adv.*, 2022, 12, 11620).
- 6 J. Dong, X. Zhang, C. Qu, X. Rong, J. Liu and Y. Qu, Structural characterization of *Momordica charantia* L. (Cucurbitaceae) oligopeptides and the detection of their capability in non-small cell lung cancer A549 cells: induction of apoptosis, *RSC Adv.*, 2019, 9, 8300–8309, DOI: [10.1039/C9RA00090A](https://doi.org/10.1039/C9RA00090A) (Retraction published 27th Apr 2022, *RSC Adv.*, 2022, 12, 11612).

Department of Cardiology, Dongying People's Hospital, Dongying, Shandong 257091, China. E-mail: [zczhang\\_2019@163.com](mailto:zczhang_2019@163.com); Fax: +86-546-83311902; Tel: +86-546-83311902

