

## RETRACTION

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## Retraction: Construction of a temperature-responsive terpolymer coating with recyclable bactericidal and self-cleaning antimicrobial properties

Bailiang Wang,<sup>a,b</sup> Zi Ye,<sup>a</sup> Qingwen Xu,<sup>a</sup> Huihua Liu,<sup>b</sup> Quankui Lin,<sup>a,b</sup> Hao Chen<sup>\*a,b</sup> and Kaihui Nan<sup>\*a,b</sup>

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Retraction of 'Construction of a temperature-responsive terpolymer coating with recyclable bactericidal and self-cleaning antimicrobial properties' by Bailiang Wang *et al.*, *Biomater. Sci.*, 2016, **4**, 1731–1741, <https://doi.org/10.1039/C6BM00587J>.

The authors hereby wholly retract this *Biomaterials Science* article due to concerns with the reliability of the data.

There are multiple instances of overlapping panels across this article and ref. 1.

There is partial or full overlap between the panels in Fig. 2d and f, Fig. 5e and g, and Fig. 6c and d.

The SEM image in Fig. 6a' of this article has partial overlap with Fig. 11b and c of ref. 1. In addition, the SEM image in Fig. 6d' has partial overlap with a different section of Fig. 11c of ref. 1.

Given the significance of these concerns, the findings presented in this paper are no longer reliable.

The authors were informed about the retraction of the article. Hao Chen, Bailiang Wang, Quankui Lin and Kaihui Nan have agreed to the retraction and requested the below wording. The other authors have not responded.

Hao Chen would like to state he only contributed to the outline of the research ideas for the team and organization of the lab facilities, but was not involved in writing or submission of this paper, and therefore was not aware of the overlapping panels.

Bailiang Wang would like to state they only contributed to the outline, organisation and writing of the article and were not aware of the text overlap. They agree with this retraction to protect the integrity and accuracy of the scientific record.

Quankui Lin and Kaihui Nan would like to state that they only contributed to financially support the project related to this article. They did not take part in the organization, writing and submission of the article. They agree with this retraction to protect the integrity and accuracy of the scientific record.

Signed: Bailiang Wang, Quankui Lin, Hao Chen and Kaihui Nan

Date: 14th September 2023

Retraction endorsed by Maria Southall, Executive Editor, *Biomaterials Science*

## References

- 1 B. L. Wang, *et al.*, *J. Mater. Chem. B*, 2015, **3**, 5501–5510, DOI: [10.1039/C5TB00597C](https://doi.org/10.1039/C5TB00597C).

<sup>a</sup>School of Ophthalmology & Optometry, Eye Hospital, Wenzhou Medical University, Wenzhou, China. E-mail: [Chenhao823@mail.eye.ac.cn](mailto:Chenhao823@mail.eye.ac.cn), [nankh@163.com](mailto:nankh@163.com); Fax: +86 577 88067962

<sup>b</sup>Wenzhou Institute of Biomaterials and Engineering, Chinese Academy of Sciences, Wenzhou, China

