



Cite this: *Biomater. Sci.*, 2024, **12**, 2167

Retraction: Strontium-doped gelatin scaffolds promote M2 macrophage switch and angiogenesis through modulating the polarization of neutrophils

Tao Li,^{a,b} Hongtao He,^c Zezheng Yang,^d Junjie Wang,^a Yuxin Zhang,^e Guangxu He,^a Jun Huang,^a Deye Song,^a Jiangdong Ni,^a Xiaojun Zhou,^{*f} Junfeng Zhu^{*b} and Muliang Ding^{*a}

DOI: 10.1039/d4bm90023e
rsc.li/biomaterials-science

Retraction of 'Strontium-doped gelatin scaffolds promote M2 macrophage switch and angiogenesis through modulating the polarization of neutrophils' by Tao Li et al., *Biomater. Sci.*, 2021, **9**, 2931–2946, <https://doi.org/10.1039/D0BM02126A>.

The Royal Society of Chemistry hereby wholly retracts this *Biomaterials Science* article due to concerns with the reliability of the data.

The authors requested to publish a correction due to incorrect images in the original Fig. 5a. An independent expert reviewed the raw data files supplied by the authors and raised concerns with the integrity of the new images. The expert also raised concerns that raw data supplied for the western blot images in Fig. 4 may not be genuine and reliable. The expert concluded that neither the published data nor the corrected data support the conclusions of the article.

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

The authors were informed about the retraction of the article. Tao Li and Muliang Ding have not agreed with the decision, Hongtao He, Zezheng Yang, Junjie Wang, Yuxin Zhang, Guangxu He, Jun Huang, Deye Song, Jiangdong Ni and Junfeng Zhu have not responded.

Signed: Xiaojun Zhou

Date: 11th March 2024

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

^aDepartment of Orthopaedics, The Second Xiangya Hospital, Central South University, Changsha, Hunan 410011, P.R. China. E-mail: dingmuliang@csu.edu.cn; Fax: +86 (21)23271698; Tel: +86 15800577039, +86 13974865370

^bDepartment of Orthopaedics, Xinhua Hospital affiliated to Shanghai Jiaotong University School of Medicine, No. 1665 Kongjiang Road, Shanghai, 200092, P. R. China. E-mail: zhujunfeng@xinhua.com.cn

^cThe Third Ward of Department of Orthopedics, The Second Hospital of Dalian Medical University, No. 467, Zhongshan Road, Shahekou District, Dalian, Liaoning Province 116000, P. R. China

^dDepartment of Orthopedics, The Fifth People's Hospital of Shanghai, Fudan University, Minhang District, Shanghai 200240, P. R. China

^eDepartment of Rehabilitation Medicine, Shanghai Ninth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Huangpu District, Shanghai 200011, China

^fCollege of Chemistry, Chemical Engineering and Biotechnology; State Key Laboratory for Modification of Chemical Fibers and Polymer Materials, Donghua University, Shanghai 201620, P. R. China. E-mail: xjz362@163.com

