



## Correction: Betaine regulates adipogenic and osteogenic differentiation of hAD-MSCs

Yue Jing<sup>1</sup> · Jian Zhou<sup>2</sup> · Fenghua Guo<sup>3</sup> · Lin Yu<sup>1</sup> · Xiaomeng Ren<sup>1</sup> · Xiushan Yin<sup>1</sup>

Published online: 12 September 2023  
© Springer Nature B.V. 2023

**Correction:** *Molecular Biology Reports* (2023) 50:5081–5089  
<https://doi.org/10.1007/s11033-023-08404-6>

In the original publication of the article, the statement “The authors Yue Jing and Jian Zhou contributed equally to this work” was missing.

The original article has been corrected.

**Publisher's Note** Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

---

The online version of the original article can be found at <https://doi.org/10.1007/s11033-023-08404-6>.

---

✉ Xiushan Yin  
xiushanyin@me.com

Yue Jing  
1798998684@qq.com

Jian Zhou  
3466640853@qq.com

Fenghua Guo  
guofenghua0822@gmail.com

Lin Yu  
50412194@qq.com

Xiaomeng Ren  
renxm@syuct.edu.cn

<sup>1</sup> Applied Biology Laboratory, College of Pharmaceutical and Biological Engineering, Shenyang University of Chemical Technology, Shenyang, Liaoning Province, China

<sup>2</sup> College of Pharmaceutical Sciences, Gannan Medical University, Ganzhou, Jiangxi Province, China

<sup>3</sup> Jiangsu Pulu Rui Medical Technology Co., Ltd, Xuzhou, Jiangsu Province, China