## **RETRACTION NOTE**

**Open Access** 



## Retraction Note: Mesenchymal stem cells ameliorate renal fibrosis by galectin-3/Akt/GSK3β/Snail signaling pathway in adenine-induced nephropathy rat

Huajun Tang<sup>1</sup>, Peiyue Zhang<sup>1</sup>, Lianlin Zeng<sup>1</sup>, Yu Zhao<sup>1</sup>, Libo Xie<sup>2\*</sup> and Bo Chen<sup>1\*</sup>

Retraction Note: Stem Cell Research & Therapy (2021) 12:409

https://doi.org/10.1186/s13287-021-02429-z

## RETRACTION NOTE.

The Editors in Chief have retracted this article after concerns were raised about the data reported. Specifically:

- In Fig. 7a, there is evidence of a potential splice between lanes 2 and 3 of GAPDH blot.
- The GAPDH blot of Fig. 11a appears to duplicate the GAPDH blot of Fig. 11c. In Fig. 11c, there is also evidence of a potential splice between lanes 1 and 2 of Galectin 3 blot.
- In Fig. 15, several panels appear to partially or wholly duplicate one another: the TGF-β1 + DMEM/

F12-treated subgroup of control and the TGF- $\beta$ 1 + MSCs-CM-treated subgroup of Gal-3 OE (both  $\alpha$ -SMA); the MSCs-CM-treated subgroup of control (E-Cadherin) and the normal subgroup of Gal-3OE ( $\alpha$ -SMA); and the TGF- $\beta$ 1 + DMEM/F12-treated subgroup of control (E-Cadherin) and the normal subgroup of control ( $\alpha$ -SMA).

The Editors in Chief therefore no longer have confidence in the reliability of the data presented. Bo Chen has stated on behalf of all authors that they agree with the retraction.

Published online: 27 February 2024

## **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/10.1186/s13287-021-02429-z.

\*Correspondence:

Bo Chen

cb0402022@swmu.edu.cn

<sup>1</sup>Department of Human Anatomy, School of Basic Medical Sciences, Southwest Medical University, No.1, Section 1, Lingxiang Road, Matan Long District, Luzhou, Libo Xie 646000, Sichuan, People's Republic of China

<sup>2</sup>Department of Urology, Sichuan Clinical Research Center for Nephropathy, the Affiliated Hospital of Southwest Medical University, Southwest Medical University, Luzhou 646000, Sichuan, People's Republic of China



© The Author(s) 2024. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>. The Creative Commons Public Domain Dedication waiver (http://creativecommons.org/publicdomain/zero/1.0/) applies to the data made available in this article, unless otherwise stated in a credit line to the data.