### **RETRACTION NOTE**

## **Diagnostic Pathology**

#### **Open Access**



# Retraction note: Effect of platelet-rich plasma on the healing of cutaneous defects exposed to acute to chronic wounds: a clinico-histopathologic study in rabbits

Omid Ostvar<sup>1</sup>, Sahar Shadvar<sup>2</sup>, Emad Yahaghi<sup>3</sup>, Kamran Azma<sup>4</sup>, Amir Farshid Fayyaz<sup>5</sup>, Koorosh Ahmadi<sup>6\*</sup> and Iradj Nowrouzian<sup>7</sup>

#### Retraction

The Editor-in-Chief and Publisher have retracted this article [1] because the scientific integrity of the content cannot be guaranteed. An investigation by the Publisher found it to be one of a group of articles we have identified as showing evidence suggestive of attempts to subvert the peer review and publication system to inappropriately obtain or allocate authorship. This article showed evidence of plagiarism (most notably from the articles cited [2–5]) and authorship manipulation.

#### Author details

<sup>1</sup>Department of Pathology, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran. <sup>2</sup>Brain and Spinal Injury Research Center, Tehran University of Medical Sciences, Tehran, Iran. <sup>3</sup>Bagiyatallah University of Medical Sciences, Tehran, Iran. <sup>4</sup>Department of Physical Medicine and Rehabilitation, Clinical Biomechanical and Rehabilitation Engineering Research Center, AJA University of Medical Sciences, Tehran, Iran. <sup>5</sup>Department of Legal Medicine, AJA University of Medical Sciences, Tehran, Iran. <sup>6</sup>Department of Emergency Medicine, Alborz University of Medical Science, Karaj, Iran. <sup>7</sup>Department of Clinical Sciences, Faculty of Veterinary Medicine, University of Tehran, P.O. Box 14155–6453, Tehran, Iran.

#### Received: 17 October 2016 Accepted: 19 October 2016 Published online: 02 November 2016

#### References

- Ostvar O, Shadvar S, Yahaghi E, Azma K, Fayyaz AF, Ahmadi K, Nowrouzian I. Effect of platelet-rich plasma on the healing of cutaneous defects exposed to acute to chronic wounds: a clinico-histopathologic study in rabbits. Diagn Pathol. 2015;10:85.
- Yang HS, Shin J, Bhang SH, Shin JY, Park J, Im GI, Kim CS, Kim BS. Enhanced skin wound healing by a sustained release of growth factors contained in platelet-rich plasma. Exp Mol Med. 2011;43(11):622–9.

<sup>6</sup>Department of Emergency Medicine, Alborz University of Medical Science, Karaj, Iran

Full list of author information is available at the end of the article



© The Author(s). 2016 **Open Access** This article is distributed under the terms of the Creative Commons Attribution 4.0 International License (http://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. 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.

- Kimura A, Ogata H, Yazawa M, Watanabe N, Mori T, Nakajima T. The effects of platelet-rich plasma on cutaneous incisional wound healing in rats. J Dermatol Sci. 2005;40(3):205–8.
- Carter CA, Jolly DG, Worden Sr CE, Hendren DG, Kane CJ. Platelet-rich plasma gel promotes differentiation and regeneration during equine wound healing. Exp Mol Pathol. 2003;74(3):244–55.
- Woo SH, Jeong HS, Kim JP, Koh EH, Lee SU, Jin SM, Kim DH, Sohn JH, Lee SH. Favorable vocal fold wound healing induced by platelet-rich plasma injection. Clin Exp Otorhinolaryngol. 2014;7(1):47–52.

<sup>\*</sup> Correspondence: ahmadik@mums.ac.ir