



RETRACTION

I,25-Dihydroxyvitamin D Inhibits Osteoarthritis by Modulating Interaction Between Vitamin D Receptor and NLRP3 in Macrophages [Retraction]

Duan A, Ma Z, Liu W, et al. *J Inflamm Res.* 2021;14:6523–6542.

The Editor and Publisher of *Journal of Inflammation Research* wish to retract the published article. Concerns were raised following the authors request to replace images from Figure 2 and Figure 8. It was found that images from several figures within the article appeared to have been duplicated. Specifically,

- Figure 1, MMP13, OA+Vehicle appears to have been duplicated with Figure 2, ADAMTS5, VDR^{-/-}OA+Vehicle.
- Figure 2, ADAMTS5, VDR^{-/-}OA+Vitamin D appears to have been duplicated with Figure 2, MMP13, VDR^{-/-}OA+Vehicle.
- Figure 8, LPS&Nig, Mφ-VDR^{KD}+Vehicle appears to have been duplicated with Figure 8, LPS&Nig, Mφ-VDR^{KD}+1,25VD.

In addition, it was also found the image from Figure 5F, Mφ-NC^{KD}, LPS&Nig appears to have been duplicated with Figure 2C, IL-1β+PBS from Duan et al, 2021 (<https://doi.org/10.1186/s13287-021-02507-2>).

The authors did respond to our queries and explained the duplication of images occurred due to the poor management of the original data files. It was determined the duplication of images and admission of poor data management did raise concerns about the validity of the findings and the decision was made to retract the article. The authors agree with this decision.

Our decision-making was informed by our policy on publishing ethics and integrity and the COPE guidelines on retraction.

The retracted article will remain online to maintain the scholarly record, but it will be digitally watermarked on each page as “Retracted”.

Journal of Inflammation Research

Dovepress

Publish your work in this journal

The Journal of Inflammation Research is an international, peer-reviewed open-access journal that welcomes laboratory and clinical findings on the molecular basis, cell biology and pharmacology of inflammation including original research, reviews, symposium reports, hypothesis formation and commentaries on: acute/chronic inflammation; mediators of inflammation; cellular processes; molecular mechanisms; pharmacology and novel anti-inflammatory drugs; clinical conditions involving inflammation. The manuscript management system is completely online and includes a very quick and fair peer-review system. Visit <http://www.dovepress.com/testimonials.php> to read real quotes from published authors.

Submit your manuscript here: <https://www.dovepress.com/journal-of-inflammation-research-journal>

<https://doi.org/10.2147/JIR.S379384>

Journal of Inflammation Research 2022;15 3631

3631

Received: 21 June 2022
Accepted: 21 June 2022
Published: 23 June 2022



© 2022 Dove Medical Press. This work is published and licensed by Dove Medical Press Limited. The full terms of this license are available at <https://www.dovepress.com/terms.php> and incorporate the Creative Commons Attribution – Non Commercial (unported, v3.0) License (<http://creativecommons.org/licenses/by-nc/3.0/>). By accessing the work you hereby accept the Terms. Non-commercial uses of the work are permitted without any further permission from Dove Medical Press Limited, provided the work is properly attributed. For permission for commercial use of this work, please see paragraphs 4.2 and 5 of our Terms (<https://www.dovepress.com/terms.php>).