HHS Public Access

Author manuscript

Nat Med. Author manuscript; available in PMC 2024 April 23.

Published in final edited form as:

Nat Med. 2024 April ; 30(4): 1215. doi:10.1038/s41591-024-02935-6.

Retraction Note: Pericyte degeneration causes white matter dysfunction in the mouse central nervous system

Axel Montagne,
Angeliki M. Nikolakopoulou,
Zhen Zhao,
Abhay P. Sagare,
Gabriel Si,
Divna Lazic,
Samuel R. Barnes,
Madelaine Daianu,
Anita Ramanathan,
Ariel Go,
Erica J. Lawson,
Yaoming Wang,
William J. Mack,
Paul M. Thompson,
Julie A. Schneider,
Jobin Varkey,
Ralf Langen,
Eric Mullins,
Russell E. Jacobs,
Berislav V. Zlokovic

The authors have retracted this article. After publication, concerns were raised regarding the images presented in the figures and supplementary materials. Specifically:

1. Fig. 4n S1Cx +/+ and F7/F7 images appear to overlap with each other, as well as with Fig. 7f Cortex $APP_{sw}/0$,PDGFRb+/+ and Fig. S3b Cortex PDGFRb+/+ in ref. 1;
2. Fig. S7a CC +/+ and F7/F7 images appear to overlap;
3. Fig. S11d F7/F7 and Fig. S12h F7/F7 CA1 images appear highly similar (with rotation);
4. Fig. S13a Vehicle and Fibrinogen images appear to overlap.

Retraction to: *Nature Medicine* https://doi.org/10.1038/nm.4482, published online 5 February 2018.

The authors have determined that these issues occurred due to incorrect selection of images during manuscript preparation. The authors are reviewing their data and may submit a new manuscript for peer review in due course.

Axel Montagne, Angeliki M. Nikolakopoulou, Zhen Zhao, Abhay P. Sagare, Divna Lazic, Samuel R. Barnes, Anita Ramanathan, Yaoming Wang, William J. Mack, Julie A. Schneider, Jobin Varkey, Ralf Langen, Eric Mullins, Russell E. Jacobs and Berislav V. Zlokovic agree with this retraction.

Gabriel Si, Madelaine Daianu, Ariel Go, Erica J. Lawson and Paul M. Thompson have not responded to any correspondence from the editors or could not be reached by email.

Reference

1. Sagare A et al. Pericyte loss influences Alzheimer-like neurodegeneration in mice. Nat. Commun 4, 2932 (2013). [PubMed: 24336108]