





OPEN

Retraction Note: Evaluating polymicrobial immune responses in patients suffering from tick-borne diseases

Kunal Garg , Leena Meriläinen, Ole Franz, Heidi Pirttinen , Marco Quevedo-Diaz, Stephen Croucher & Leona Gilbert

Retraction of: *Scientific Reports* <https://doi.org/10.1038/s41598-018-34393-9>, published online 29 October 2018

The Editors have retracted this Article.

The main method utilised in this study is an ELISA assay. An investigation by the University of Jyväskylä, Finland, has concluded that the patient selection and description in this Article, and in an unpublished report validating the methods used, do not justify the results presented. The Editors therefore no longer have confidence in the results and conclusions presented in this Article.

Kunal Garg, Leena Meriläinen, Heidi Pirttinen, Marco Quevedo-Diaz, Stephen Croucher and Leona Gilbert disagree with this retraction. Ole Franz did not respond to correspondence from the Editors about this retraction.



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 <http://creativecommons.org/licenses/by/4.0/>.

© The Publisher 2022