

RETRACTION NOTE

Open Access



Retraction Note: Role of inhibitors of serine peptidases in protecting *Leishmania donovani* against the hydrolytic peptidases of sand fly midgut

Sudha Verma¹, Sushmita Das², Abhishek Mandal¹, Md Yousuf Ansari^{3,4}, Sujata Kumari⁵, Rani Mansuri³, Ajay Kumar¹, Ruby Singh¹, Savita Saini³, Kumar Abhishek¹, Vijay Kumar⁵, Ganesh Chandra Sahoo⁶ and Pradeep Das^{1*}

Retraction: *Parasites & Vectors* (2017) 10:303
<https://doi.org/10.1186/s13071-017-2239-9>

The Editor-in-Chief has retracted this article. After publication, concerns were raised regarding western blot similarities in Figs. 5B (α -tubulin, between lanes 1–3 and 5–7) and 6C (α -tubulin, between lanes 1–3 and 4–6). Additional checks by the Publisher have found a number of unexpected breaks in the western blot backgrounds in Figs. 3C–F and 5B.

The Editor-in-Chief therefore no longer has confidence in the presented data.

Sujata Kumari agrees to this retraction. Sudha Verma does not agree to this retraction. None of the other authors have responded to any correspondence from the editor or publisher about this retraction.

Published online: 27 March 2023

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The original article can be found online at <https://doi.org/10.1186/s13071-017-2239-9>.

*Correspondence:

Pradeep Das
drpradeep.das@gmail.com

¹ Department of Molecular Biology, Rajendra Memorial Research Institute of Medical Sciences (ICMR), Agamkuan, Patna, Bihar 800007, India

² Department of Microbiology, All India Institute of Medical Sciences, Patna, Bihar 801105, India

³ National Institute of Pharmaceutical Education and Research, Hajipur, Bihar 844101, India

⁴ MM College of Pharmacy, Maharishi Markandeshwar University, Mullana, Ambala 133207, India

⁵ Department of Vector Biology, Rajendra Memorial Research Institute of Medical Sciences, (ICMR), Agamkuan, Patna, Bihar 800007, India

⁶ Department of Bioinformatics, Rajendra Memorial Research Institute of Medical Sciences (ICMR), Agamkuan, Patna, Bihar 800007, India



© The Author(s) 2023. **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 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.