



OPEN

## Author Correction: Analysis of Ani s 7 and Ani s 1 allergens as biomarkers of sensitization and allergy severity in human anisakiasis

Leticia de las Vecillas, Pedro Muñoz-Cacho, Marcos López-Hoyos, Vittoria Montecchiani, Victoria Martínez-Sernández, Florencio M. Ubeira & Fernando Rodríguez-Fernández

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-020-67786-w>, Published online 09 July 2020

In this Article, the legend of Figure 2a and 2b is incorrect:

“Comparison of *Anisakis*-sIgE (ImmunoCAP) and rAni s 1 (ELISA) results between allergic patients who suffered a mild to moderate reaction with those who experience a severe allergic reaction. (a) Values of *Anisakis*-sIgE (mean of 0.65 and 1.61, respectively;  $p=0.002$ ). (b) Values of sIgE to rAni s 1 (mean of 15.90 and 72.60, respectively;  $p=0.042$ ).”

should read:

“Comparison of *Anisakis*-sIgE (ImmunoCAP) and rAni s 1 (ELISA) results between allergic patients who suffered a mild to moderate reaction with those who experience a severe allergic reaction. (a) Values of *Anisakis*-sIgE (mean of 15.90 and 72.60, respectively;  $p=0.002$ ). (b) Values of sIgE to rAni s 1 (mean of 0.65 and 1.61, respectively;  $p=0.042$ ).”

Additionally, the Supplementary Information file that accompanies this Article contains an error in Supplementary Figure S1, where the number of total asymptomatic blood donors who underwent SPT is 20 out of 30 with a total of 12/20 positive results and not 12/30.

Furthermore, the legend for Supplementary Figure S1 is incomplete,

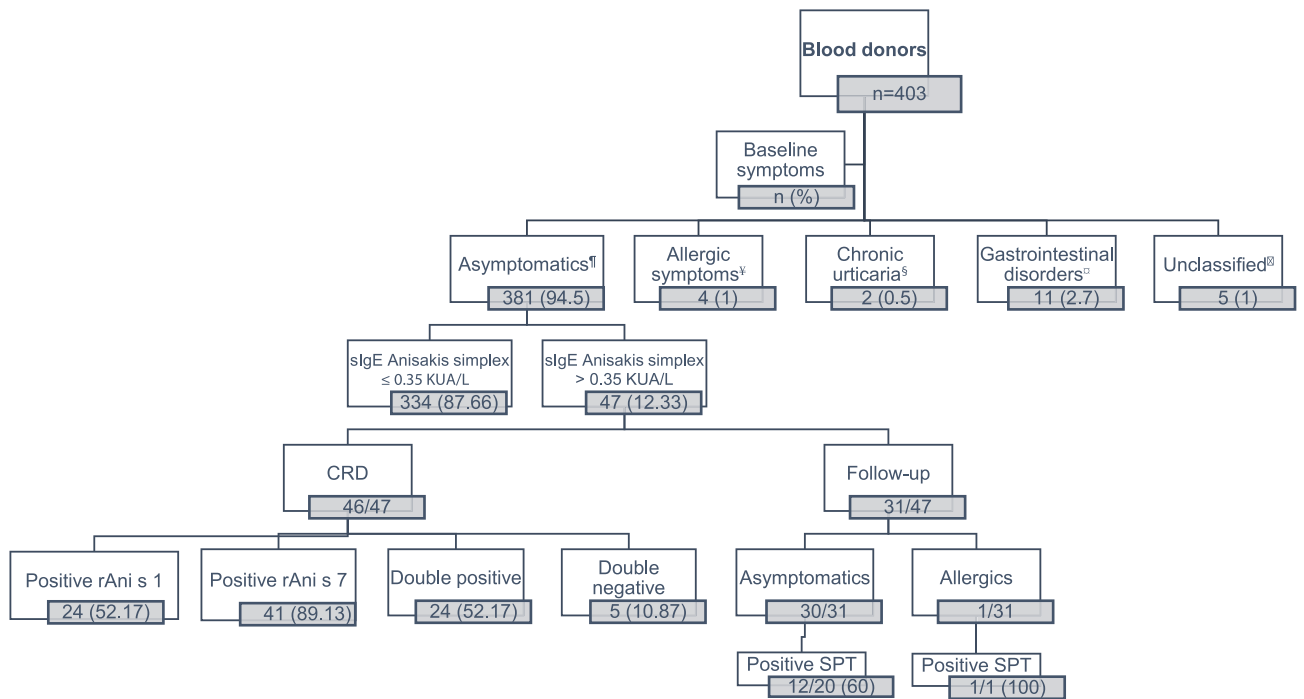
“Clinical and diagnostic test results in the Blood donors’ population. From 403 blood donors, 53 had positive levels of *Anisakis*-sIgE ( $\geq 0.35$ KUA/L, ImmunoCAP). sIgE to rAni s 1 and rAni s 7 were analyzed by ELISA in 46 asymptomatic blood donors with *Anisakis*-sIgE greater than 0.35 KUA/L ( $n=47$ ). A clinical follow-up were done in 31 of them and SPT were performed in 21. <sup>3</sup>Patients presenting allergic symptoms related to recent consumption of fish. <sup>5</sup>Patients with urticaria, not related to recent consumption of fish. <sup>6</sup>Patients with gastrointestinal disorders not related to recent consumption of fish. <sup>4</sup>Patients without symptoms related to recent consumption of fish. CRD, component resolve diagnostic test. SPT, skin prick test.”

should read:


“Clinical and diagnostic test results in the Blood donors’ population. From 403 blood donors, 53 had positive values of *Anisakis*-sIgE ( $\geq 0.35$ KUA/L, ImmunoCAP) from which 47 were asymptomatic. sIgE to rAni s 1 and rAni s 7 were analyzed by ELISA in 46 sensitized asymptomatic blood donors with *Anisakis*-sIgE greater than 0.35 KUA/L ( $n=47$ ). A clinical follow-up was done in 31 of them and SPT were performed in 21. <sup>3</sup>Patients presenting allergic symptoms related to the recent consumption of fish. <sup>5</sup>Patients with urticaria, not related to the recent consumption of fish. <sup>6</sup>Patients with gastrointestinal disorders not related to the recent consumption of fish. <sup>4</sup>Patients without symptoms related to the recent consumption of fish. CRD, component resolve diagnostic test. SPT, skin prick test.”

Published online: 28 October 2020

The correct Figure S1 and its accompanying legend appear below as Figure 1.



**Figure 1.** Clinical and diagnostic test results in the Blood donors' population. From 403 blood donors, 53 had positive values of Anisakis-sIgE ( $\geq 0.35$ KUA/L, ImmunoCAP<sup>®</sup>) from which 47 were asymptomatic. sIgE to rAni s 1 and rAni s 7 were analyzed by ELISA in 46 sensitized asymptomatic blood donors with *Anisakis*-sIgE greater than 0.35 KUA/L (n=47). A clinical follow-up was done in 31 of them and SPT were performed in 21. <sup>†</sup>Patients presenting allergic symptoms related to the recent consumption of fish. <sup>§</sup>Patients with urticaria, not related to the recent consumption of fish. <sup>‡</sup>Patients with gastrointestinal disorders not related to the recent consumption of fish. <sup>®</sup>Patients without symptoms related to the recent consumption of fish. CRD, component resolve diagnostic test. SPT, skin prick test.

 **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 Author(s) 2020