OPEN

Author Correction: The gut microbiome is associated with brain structure and function in schizophrenia

Shijia Li, Jie Song, Pengfei Ke, Lingyin Kong, Bingye Lei, Jing Zhou, Yuanyuan Huang, Hehua Li, Guixiang Li, Jun Chen, Xiaobo Li, Zhiming Xiang, Yuping Ning, Fengchun Wu & Kai Wu

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-021-89166-8>, published online 07 May 2021

The original version of this Article contained an error in the caption of vertical coordinate in Figure 4(b). As a result,

“Alpha diversity index (v)”

now reads:

“Relative abundance of Roseburia (v)”.

The original Figure 4 and accompanying legend appear below.

The original Article has been corrected.

Published online: 30 August 2021

Figure 4. Relative abundance of *Roseburia* in SZ patients showed strong negative correlations with ReHo indexes. (a) Cuneus_L showed significantly decreased ReHo indexes in SZ compared with the NCs ($p < 0.05$). (b) The residuals of the ReHo indexes in Cuneus_L were significantly negatively correlated with the residuals of the relative abundance of *Roseburia* in SZ. (c) Temporal_Sup_R showed significantly decreased ReHo indexes in SZ compared with the NCs ($p < 0.05$). (d) The residuals of the ReHo indexes in Temporal_Sup_R were significantly negatively correlated with the residuals of the relative abundance of *Roseburia* in SZ. (e) Temporal_Mid_R showed significantly decreased ReHo indexes in the SZ compared with the NCs ($p < 0.05$). (f) The residuals of ReHo indexes in Temporal_Mid_R were significantly negatively correlated with the residuals of the relative abundance of *Roseburia* in SZ. Sup: superior; Inf: inferior; L: left hemisphere; R: right hemisphere. $^{**}p < 0.05$, FDR corrected, $^*p = 0.05$, FDR corrected. Figure was generated by a brain network visualization tool of “BrainNet viewer” (Version 1.7, <https://www.nitrc.org/projects/bnv/>), based on MATLAB (Version 2017a).

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) 2021