



Corrigendum: The GABA_A Receptor Influences Pressure Overload-Induced Heart Failure by Modulating Macrophages in Mice

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Specialty section:

This article was submitted to
Inflammation,
a section of the journal
Frontiers in Immunology

Received: 04 August 2021

Accepted: 24 August 2021

Published: 21 September 2021

Citation:

Bu J, Huang S, Wang J, Xia T, Liu H,
You Y, Wang Z and Liu K (2021)
Corrigendum: The GABA_A Receptor
Influences Pressure Overload-Induced
Heart Failure by Modulating
Macrophages in Mice.
Front. Immunol. 12:753404.
doi: 10.3389/fimmu.2021.753404

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Keywords: GABA_A receptor, amphiregulin, macrophage, monocyte, pressure-overload hypertrophy

A Corrigendum on

The GABA_A Receptor Influences Pressure Overload-Induced Heart Failure by Modulating Macrophages in Mice

by Bu J, Huang S, Wang J, Xia T, Liu H, You Y, Wang Z and Liu K (2021). *Front. Immunol.* 12:670153. doi: 10.3389/fimmu.2021.670153

In the original article, there was a mistake in **Figure 3A** and **Supplement 3** as published. In the **Figure 3A**, the bicuculine group at day 28 post-TAC was inadvertently saved in the improper folders and attached to Sham group at days 14 and 28 post-TAC, so the representative images of Sham group at days 14 and 28 post-TAC were wrong and duplicated. In the **Supplement 3**, the representative image of Sham group at day 21 post-TAC was chosen by mistake. The corrected **Figure 3A** and **Supplement 3** appear below.

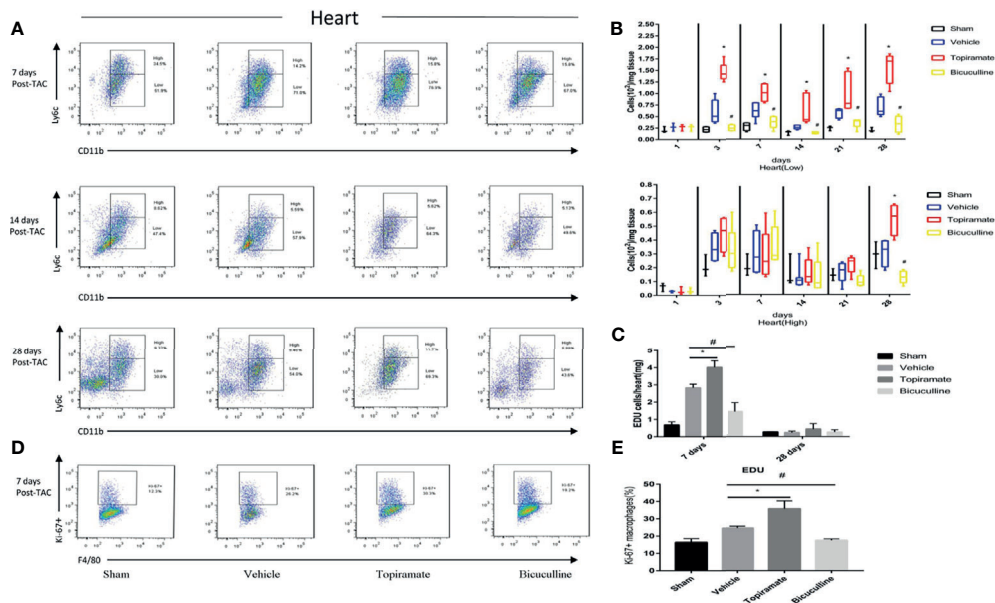


FIGURE 3 | Activation or blockade of the GABA_A receptor selectively increases or reduces the number of Ly6C^{low} macrophages in the hearts of pressure-overload hypertrophy mice. Macrophage (CD45⁺F4/80⁺CD11b⁺) subpopulations were respectively defined as Ly6C^{high} or Ly6C^{low} macrophages according to Ly-6C expression levels. **(A)** Representative images of Ly6C^{high} and Ly6C^{low} macrophages at days 7, 14, and 28 post-TAC. The representative images of 1, 3, and 21 days after TAC were shown in supplementary materials. **(B)** The number of Ly6C^{low} macrophages or Ly6C^{high} macrophages (per mg heart tissue) among the total number of live cells isolated from hearts at the indicated time points after TAC. **(C)** The number of CD45⁺CD11b⁺F4/80⁺EdU⁺ cell (per mg heart tissue) among the total number of live cells isolated from hearts at the indicated time points after TAC. **(D)** Representative images of Ki-67⁺ expression in Ly6C^{low} macrophages at day 7 post-TAC. **(E)** The percentage of Ki-67⁺ expression in Ly6C^{low} macrophages. Data show the mean ± SEM, by one-way ANOVA with Bonferroni's multiple comparison test. For topiramate treatment, *P < 0.05 vs. vehicle. For bicuculline treatment, #P < 0.05 vs. vehicle. (n = 3 mice for sham group, n = 6–8 mice for all other groups).

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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SUPPLEMENTARY MATERIAL

The Supplementary Material for this article can be found online at: <https://www.frontiersin.org/articles/10.3389/fimmu.2021.753404/full#supplementary-material>

Supplement 3 | Living cells (upper panel) were gated to determine the presence of CD45⁺Ly6G⁺CD11b⁺Ly6C^{high} and CD45⁺Ly6G⁺CD11b⁺Ly6C^{low} monocytes at day 21 post-TAC in the peripheral blood.

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