



# Corrigendum: Critical Role of Alternative M2 Skewing in miR-155 Deletion-Mediated Protection of Colitis

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### Edited and reviewed by:

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### Specialty section:

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

Received: 28 November 2019

Accepted: 30 December 2019

Published: 13 February 2020

### Citation:

Li J, Zhang J, Guo H, Yang S, Fan W, Ye N, Tian Z, Yu T, Ai G, Shen Z, He H, Yan P, Lin H, Luo X, Li H and Wu Y (2020) Corrigendum: Critical Role of Alternative M2 Skewing in miR-155 Deletion-Mediated Protection of Colitis. *Front. Immunol.* 10:3153. doi: 10.3389/fimmu.2019.03153

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**Keywords:** M2 macrophages, miR-155, colitis, C/EBP $\beta$ , SOCS1

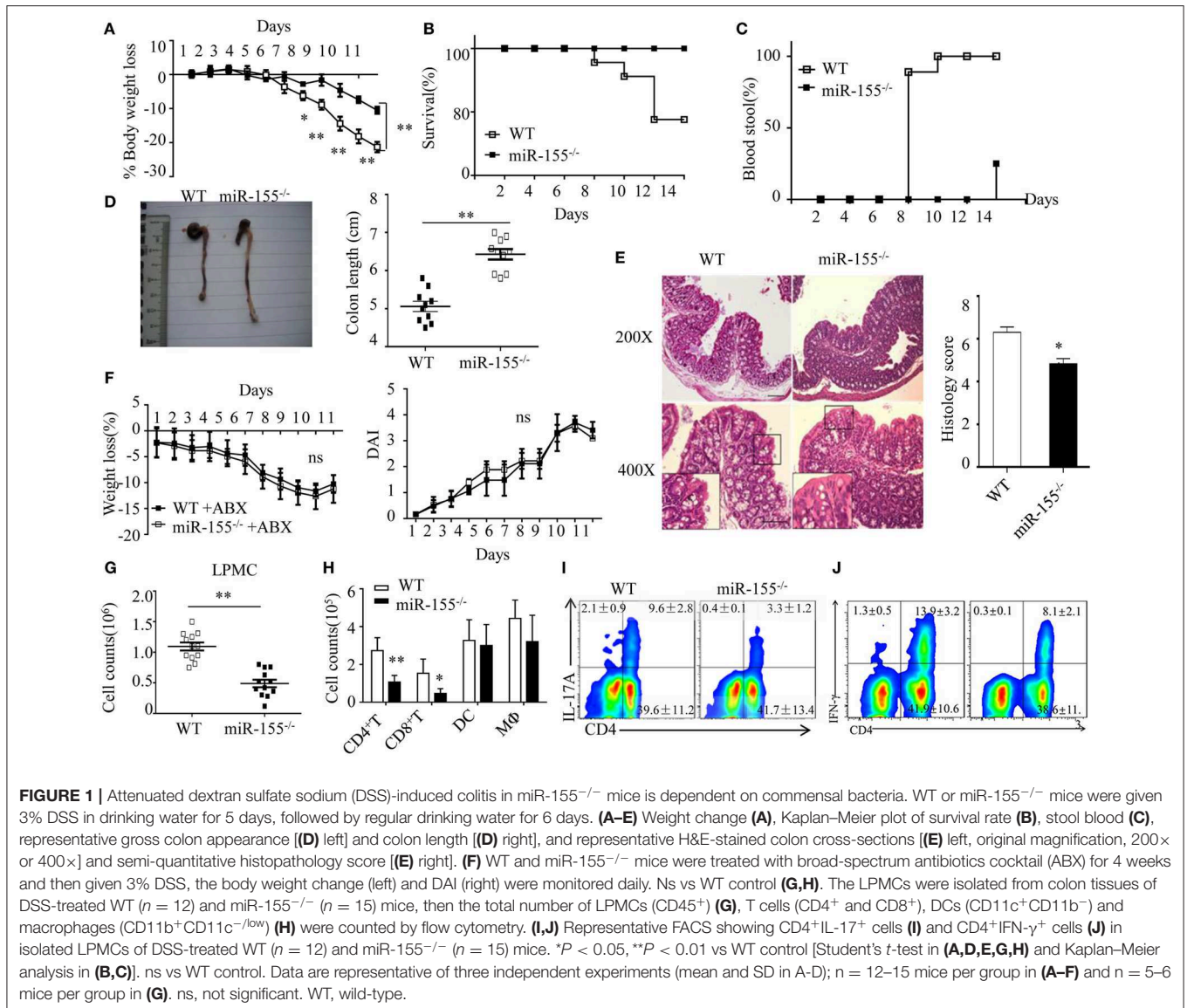
## A Corrigendum on

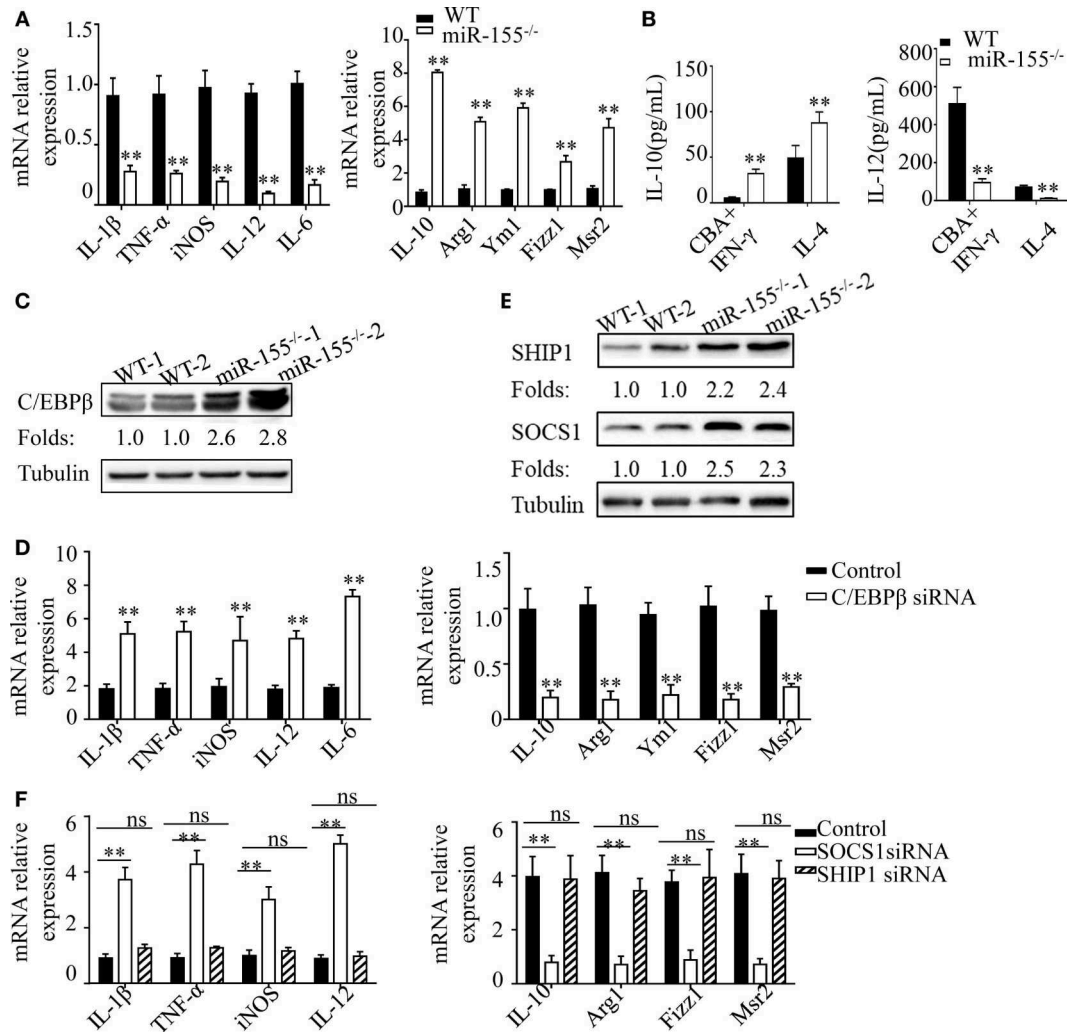
**Critical Role of Alternative M2 Skewing in miR-155 Deletion-Mediated Protection of Colitis** by Li, J., Zhang, J., Guo, H., Yang, S., Fan, W., Ye, N., et al. (2018). *Front. Immunol.* 9:904. doi: 10.3389/fimmu.2018.00904

In the original article, there were mistakes in **Figure 1J** and **Figure 6E** as published. **Figure 1J** (representative FACS plot of CD4<sup>+</sup>IFN- $\gamma$ <sup>+</sup> cells) was mistakenly duplicated from **Figure 1I** (representative FACS plot of CD4<sup>+</sup>IL-17<sup>+</sup> cells), and the tubulin band of **Figure 6E** was inadvertently covered by the band of that in **Figure 6C**. The corrected **Figure 1** and **Figure 6** appear below.

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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**FIGURE 6** | C/EBP $\beta$  and SOCS1 are key functional targets in intestinal M2 polarization. **(A)** BMDMs isolated from WT and miR-155<sup>-/-</sup> mice were treated with CBA (10  $\mu$ g/mL) and IFN- $\gamma$  (20 ng/mL), and the relative expression of M1 genes and M2 genes were determined by Q-PCR. **(B)** The absolute amounts of secreted cytokines IL-10 and IL-12 (as representative of M2 and M1 gene products, respectively) in the supernatants of WT or miR-155<sup>-/-</sup> BMDMs that had been treated with M1 condition (CBA + IFN- $\gamma$ ) and M2 condition (IL-4) were measured by ELISA. **(C)** The protein expression level of C/EBP $\beta$  in macrophages (CD11b<sup>+</sup>CD11c<sup>-low</sup>) isolated from LPMCs of dextran sulfate sodium colitis mice were determined by western blotting. **(D)** miR-155<sup>-/-</sup> BMDMs were transferred with C/EBP $\beta$  siRNA or control and then stimulated with CBA (10  $\mu$ g/mL) and IFN- $\gamma$  (20 ng/mL), and the relative expression of M1 genes and M2 genes were determined by Q-PCR. **(E)** The protein expression level of SOCS1 and SHIP1 in macrophages, as described in **(C)**, was determined by western blotting. **(F)** miR-155<sup>-/-</sup> BMDMs were transferred with SOCS1 and SHIP1 siRNA and treated as described in **(D)**, and the relative expressions of M1 genes and M2 genes were determined by Q-PCR. \* $P$  < 0.05, \*\* $P$  < 0.01 vs WT control or siRNA control [Student's  $t$ -test in **(A,B,D)**]. \* $P$  < 0.05, ns > 0.05 vs. siRNA control (ANOVA with Bonferroni's posttest correction for multiple comparisons in **(F)**). Data are representative of three independent experiments (mean and SD). Ns, not significant. BMDMs, bone marrow-derived macrophage. WT, wild-type. CBA, cecal bacterial antigen.