## CORRECTION

The original article [1] has been updated.

The original article can be found online at https://doi.org/10.1186/s13075-022-02938-7

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# **Correction: Macrophage polarization** toward M1 phenotype through NF-κB signaling in patients with Behcet's disease

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Correction: Arthritis Res Ther 24, 249 (2022) https://doi.org/10.1186/s13075-022-02938-z

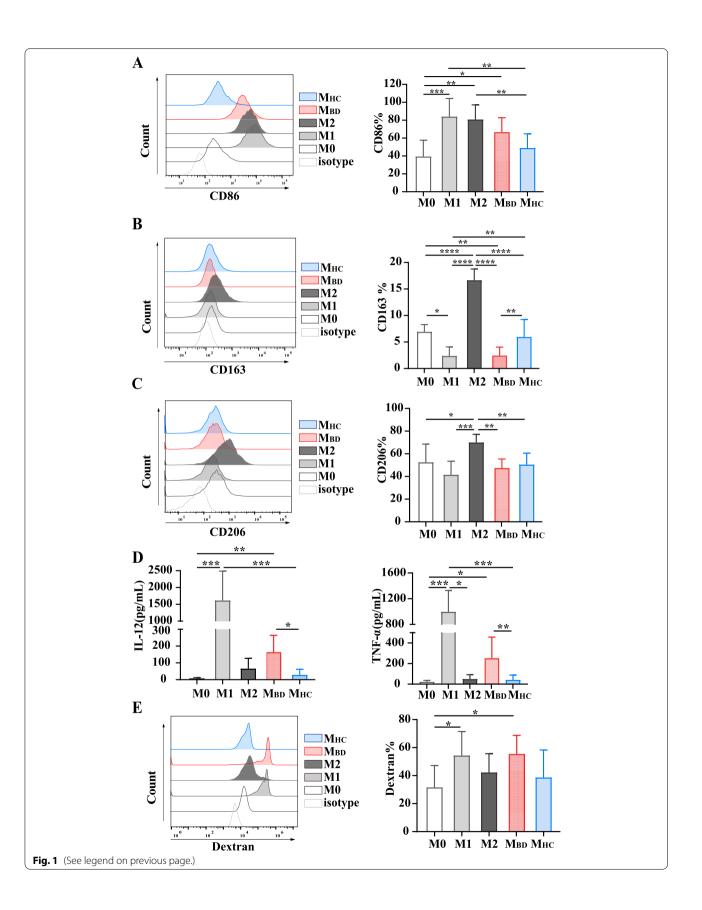
Following publication of the original article [1], the authors have identified an error in Figs. 1, 2, 3 and 4. The correct figures are given below.

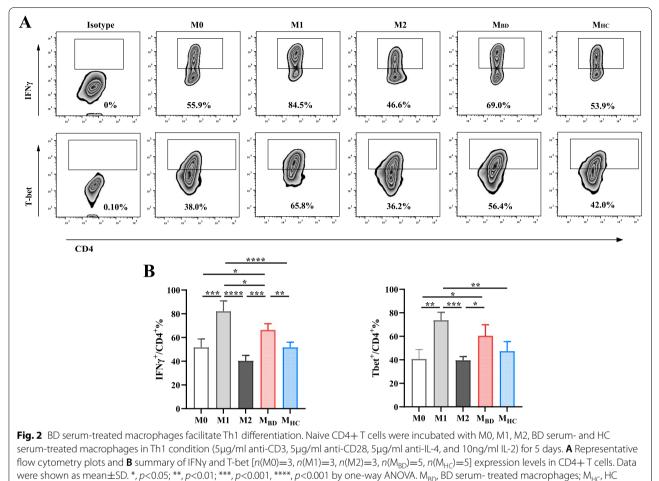


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#### (See figure on next page.)

**Fig. 1** BD serum promotes M1-like macrophage polarization. Resting macrophages (M0) were stimulated with M1 condition (100ng/ml LPS+ 20ng/ml IFNγ), M2 condition (20ng/ml IL-4+ 20ng/ml IL-13), BD serum or HC serum for 48 h. **A–C** Representative histograms (left) and summary (right) of CD86, CD163 and CD206 expression level of macrophages stimulated with M0 (n=6), M1 (n=6), and M2 (n=6) conditions, as well as BD (n=12) serum and HC (n=12) serum. Data were expressed as mean±SD and were analyzed using one-way ANOVA. **D** IL-12 and TNF- $\alpha$  production by macrophages stimulated with M0 (n=6), M1 (n=6), and M2 (n=6) conditions, as well as BD (n=12) serum and HC (n=12) serum. Data were expressed as mean±SD and were analyzed using Kruskal-Wallis test. **E** Representative histograms (left) and summary (right) of dextran uptake by macrophages stimulated with M0 (n=7), M1 (n=7), M2 (n=7) conditions, and BD (n=9) serum and HC (n=9) serum. Data were expressed as mean±SD and were analyzed using one-way ANOVA. \*, p<0.05; \*\*, p<0.01; \*\*\*\*, p<0.001. M<sub>BD</sub>, BD serum-treated macrophages; M<sub>HC</sub>, HC serum-treated macrophages

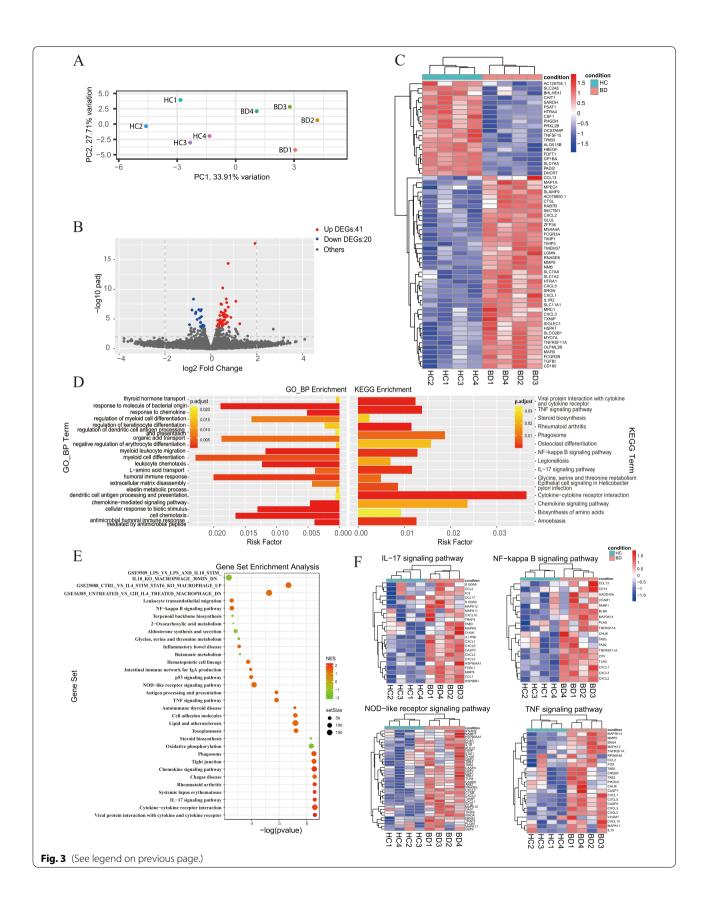




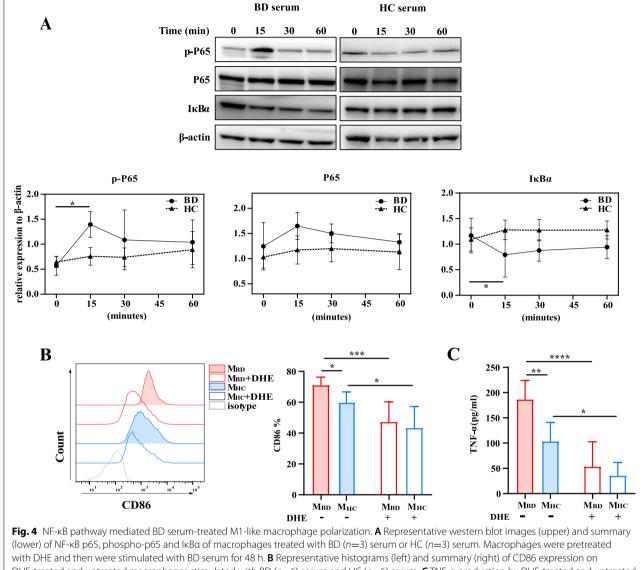
serum- treated macrophages

#### (See figure on next page.)

Fig. 3 Transcriptome analysis of BD serum- and HC serum-treated macrophages. HMDMs were stimulated with serum from four treatment-naïve active BD patients and matched healthy volunteers for 48 h, and total RNA was extracted for RNA-seq analysis. A Principal component analysis (PCA) of BD serum-treated and HC serum-treated macrophages. B Volcano plot of upregulated (red, *n*=41) and downregulated (blue, *n*=20) DEGs in BD serum-treated macrophages compared with HC serum-treated macrophages. C Heatmap of DEGs between BD serum- and HC serum-treated macrophages. D GO biological process enrichment analysis (GSEA) of BD serum- and HC serum-treated macrophage. F, F Dot plots (left) showed Gene Set Enrichment Analysis (GSEA) of BD serum- and HC serum-treated macrophage sets were illustrated by heatmap (right). DEGs, differentially expressed genes; GO, gene ontology; KEGG, Kyoto Encyclopedia of Genes and Genomes







DHE-treated and uttreat were stimulated with BD serum (n=6) serum and HC (n=6) serum. **C** TNF- $\alpha$  production by DHE-treated and untreated macrophages stimulated with BD (n=6) serum. Data were shown as mean $\pm$ SD. \*, p<0.05; \*\*, p<0.01, \*\*\*, p<0.001, \*\*\*\*, p<0.001, \*\*\*\*

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#### Reference

 Wu X, Wang Z, Shi J, et al. Macrophage polarization toward M1 phenotype through NF-κB signaling in patients with Behçet's disease. Arthritis Res Ther. 2022;24:249. https://doi.org/10.1186/s13075-022-02938-z.