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CORRECTION
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Corrigendum: GSH-C4 Acts as Anti-inflammatory Drug in Different Models of Canonical and Cell Autonomous Inflammation Through NFκB Inhibition

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A Corrigendum on

GSH-C4 Acts as Anti-inflammatory Drug in Different Models of Canonical and Cell Autonomous Inflammation Through NFκB Inhibition

by Limongi, D., Baldelli, S., Checconi, P., Marcocci, M. E., De Chiara, G., Fraternale, A., et al. (2019). Front. Immunol. 10:155. doi: 10.3389/fimmu.2019.00155

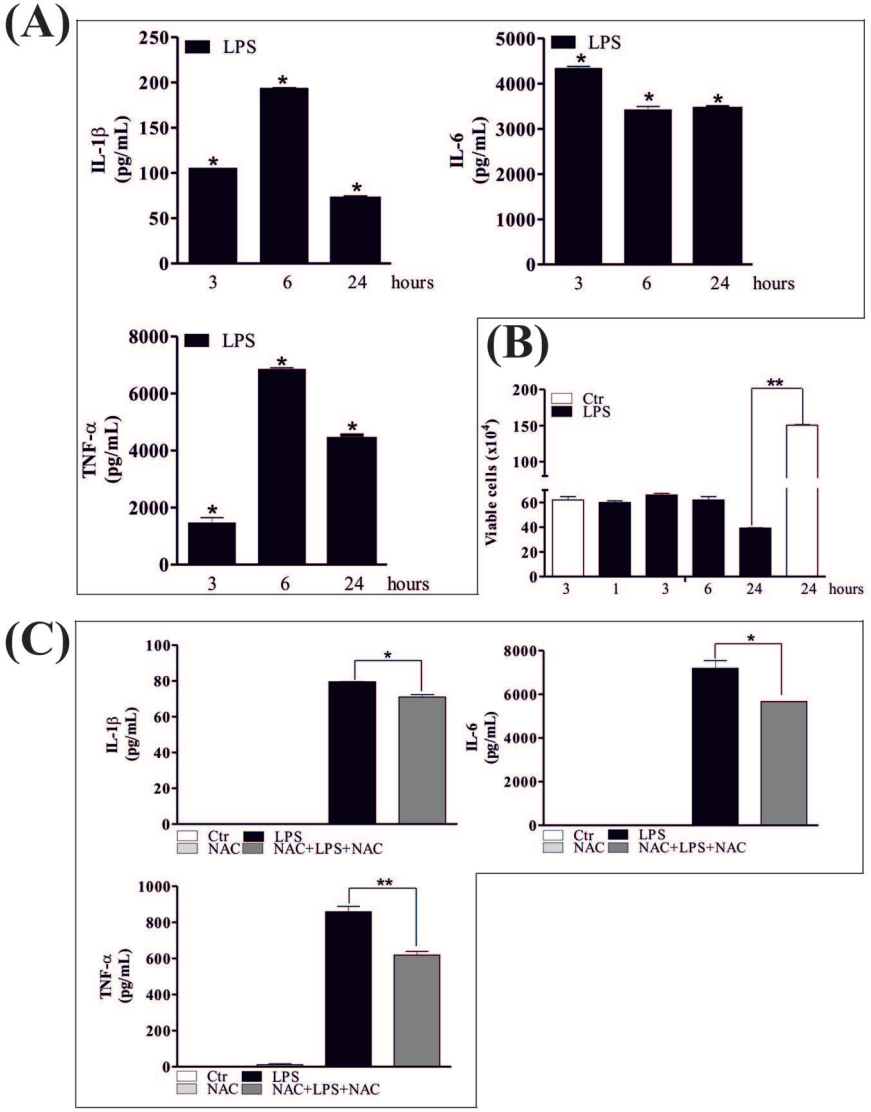
In the original article, there was a mistake in **Supplementary Figure 1** and **Supplementary Figure 2** as published. In the **Supplementary Figure 1** the yellow sub-lines were still present. In the **Supplementary Figure 2** the images were wrong. The corrected **Supplementary Figures 1** and **2** appear below.

Additionally, an author name was incorrectly spelled as "Mariaelena Marcocci." The correct spelling is "Maria Elena Marcocci."

There was also an error regarding the affiliations for Anna Teresa Palamara. As well as having affiliations 6 and 7, they should also have affiliation 2.

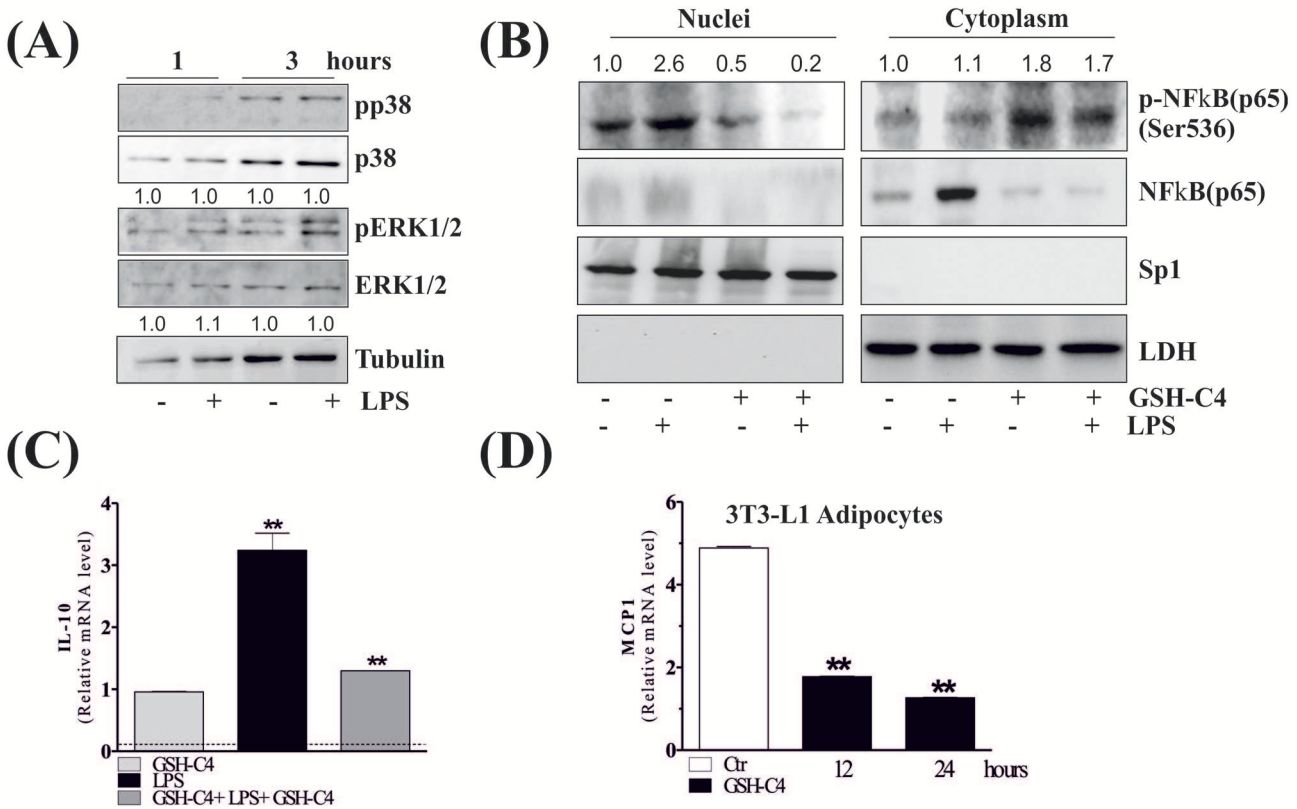
The authors apologize for these errors and state that they do not change the scientific conclusions of the article in any way. The original article has been updated.

Supplemental Figure 1



Supplemental Figure 1. (**A**) RAW 264.7 macrophages were treated with 100 ng/ml LPS for 3, 6 and 24 hrs. Thereafter the medium with LPS was replaced with fresh medium for 24 hrs. IL-1β, IL-6 and TNF-α production in culture supernatants were detected using Luminex Assay (Bio-Rad). Data are expressed as means ± S.D. (n=4; *p<0.001). (**B**) After 1, 3, 6 and 24 hrs of LPS treatment macrophages were harvested and counted upon Trypan blue staining. Data are expressed as means ± S.D. (n=3; **p<0.001). (**C**) RAW 264.7 macrophages were treated with 100 ng/ml LPS for 6 hrs. GSH and GSSG content were assayed by HPLC. Data are expressed as means ± S.D. (n=3; **p<0.001). (**D**) RAW 264.7 macrophages were treated with 10 mM NAC for 2 hrs. Subsequently, NAC was removed from culture medium and the cells were stimulated with 100 ng/ml LPS for 1 hrs. Thereafter RAW 264.7 cells were treated again with 10 mM NAC or fresh medium for 24 hrs. IL-1β, IL-6 and TNF-α production in culture supernatants were detected using Luminex Assay (Bio-Rad). Data are expressed as means ± S.D. (n=3; **p<0.001. *p<0.05).

Supplemental Figure 2



Supplemental Figure 2. (**A**) RAW 264.7 macrophages were treated with 100 ng/ml LPS for 1 and 3 hrs and immediately used for Western blotting. Twenty μg of total proteins were loaded for Western blot analysis of the phosphorylated and total form of p-ERK1/2 and p-p38. Basal form of p38 ERK1/2 and Tubulin were used as loading control. The numbers represent the values obtained upon densitometric analysis of the immunoreactive bands (phosphorylated/total) and referred to the loading control (Tubulin). The immunoblots reported are from one experiment representative of three that gave similar results. (**B**) Twenty μg of nuclear and cytoplasmic protein extracts were loaded for detection of the phosphorylated (p-NFκB (p65)) and total form of NFκB (NFκB (p65)). Sp1 and LDH were used for assaying the purity of fractions and/or as loading controls. All the immunoblots reported are from one experiment representative of four that gave similar results. (**C**) RAW 264.7 macrophages were treated with 10 mM GSH-C4 for 2 hrs. Subsequently, GSH-C4 was removed from culture medium and the cells were stimulated with 100 ng/ml LPS for 1 hrs. After 1 hrs RAW 264.7 macrophages were treated again with 10 mM GSH-C4 or with fresh medium for 24 hrs. Total RNA was isolated and relative mRNA levels of IL-10 were analyzed by RT-qPCR. Data are expressed as means ± S.D. (n=3; **p<0.001). (**D**) 3T3-L1 adipocytes were differentiated for 8 days. Subsequently, GSH-C4 was added to the adipocytes for 12 and 24 hrs. Total RNA was isolated and relative mRNA level of MCP-1 was analyzed by RT-qPCR. Data are expressed as means ± S.D. (n=6; **p<0.001).