

CORRECTION

Correction: *Lactobacillus acidophilus* Alleviates Platelet-Activating Factor-Induced Inflammatory Responses in Human Intestinal Epithelial Cells

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The top panel of western blots in [Fig 4C](#) is mistakenly duplicated in [Fig 5A](#). The authors have provided a corrected version of [Fig 5A](#), which includes the correct upper panel. The raw blots for Figs [4C](#) and [5A](#) are available as Supporting Information. Additionally, there is an error in the caption for [Fig 4](#). The immunoblotting was performed in NCM460 cells, not in Caco-2 cells. Please see the correct caption here.



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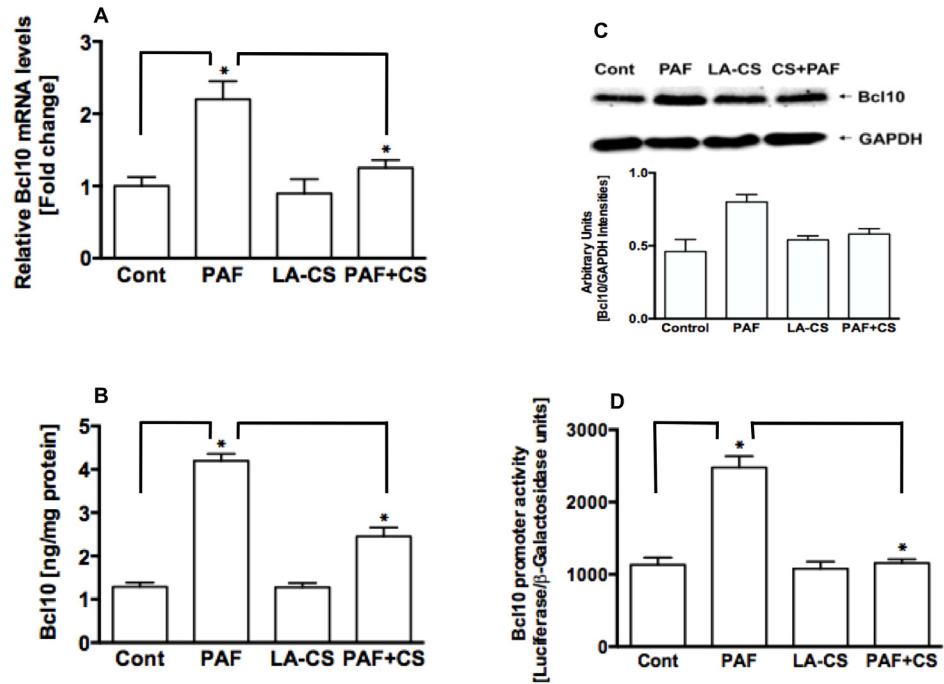


Fig 4. *L. acidophilus* culture supernatant does not alter Bcl10 expression but attenuates PAF-induced increase in Bcl10 expression in IECs. (A) relative levels of Bcl10 mRNA in control or PAF ± LA-CS-treated NCM460 cells measured by real-time RT-PCR as described in Methods (n = 3, *P<0.05); (B) Bcl10 protein levels measured by ELISA in control or PAF ± LA-CS-treated NCM460 cells (n = 3, *P<0.05); (C) representative blot (n = 3) of Bcl10 protein levels measured by immunoblotting (upper panel) in control or PAF ± LA-CS-treated NCM460 cells and densitometric analysis of the relative band intensities (lower panel); (D) Bcl10 promoter activity in control or PAF ± LA-CS-treated NCM460 cells (n = 4, *P<0.05).

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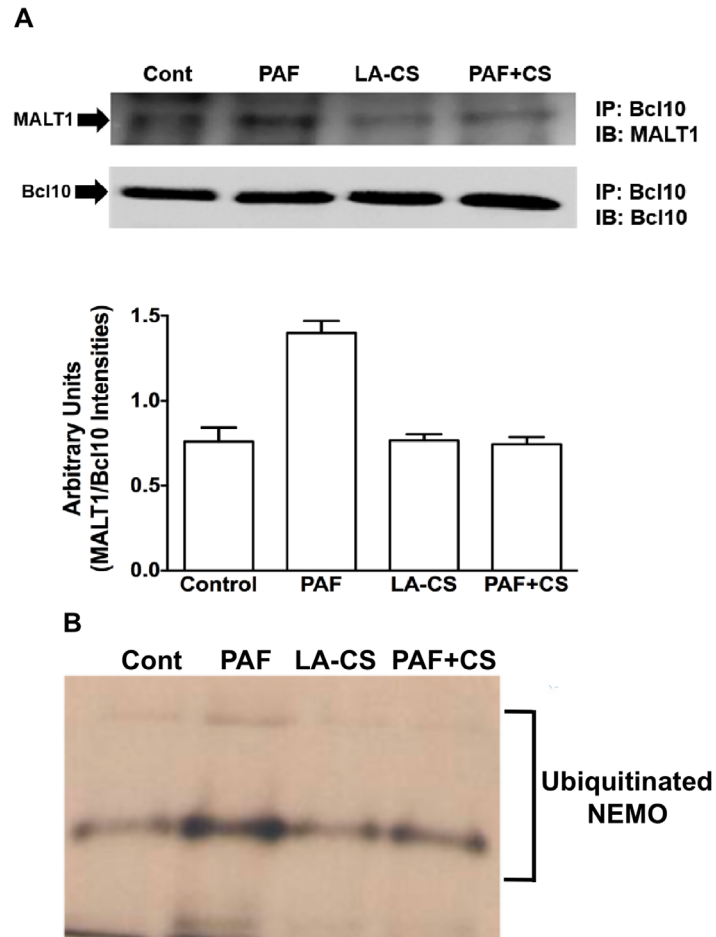


Fig 5. *L. acidophilus* culture supernatant attenuates PAF-induced Bcl10 interaction with MALT1 and ubiquitination of IKK γ (NEMO). (A) Cell lysates of control or PAF \pm LA-CS-treated NCM460 cells, containing equal amounts of proteins, were used to immunoprecipitate (IP) MALT1 with anti-Bcl10 antibody. Immunoprecipitates were subjected to SDS-PAGE and probed with anti-MALT1 antibody in immunoblotting (IB). After stripping with 0.2N NaOH, blots were re-probed with anti-Bcl10 antibody; upper panel: representative blot of 3 independent experiments; lower panel: densitometric analysis of relative band intensities; (B) Caco-2 cells co-transfected with expression vectors encoding pcDNA3-IKK γ -Myc and pcDNA3-ubiquitin-HA were untreated or treated with PAF \pm LA-CS as described in Methods. After purification by anti-Myc antibody immunoprecipitation, the IKK γ protein was assayed for ubiquitination by Western blotting with anti-HA antibody.

doi:10.1371/journal.pone.0142593.g002

Supporting Information

S1 Blots. The raw blots for Figs 4C and 5A. (ZIP)

Reference

1. Borthakur A, Bhattacharyya S, Kumar A, Anbazhagan AN, Tobacman JK, Dudeja PK (2013) *Lactobacillus acidophilus* Alleviates Platelet-Activating Factor-Induced Inflammatory Responses in Human Intestinal Epithelial Cells. PLoS ONE 8(10): e75664. doi: [10.1371/journal.pone.0075664](https://doi.org/10.1371/journal.pone.0075664) PMID: [24130731](https://pubmed.ncbi.nlm.nih.gov/24130731/)