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Corrigendum: Impact of ATP-citrate lyase catalytic activity and serine 455 phosphorylation on histone acetylation and inflammatory responses in human monocytic THP-1 cells

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A Corrigendum on

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In the published article, there was an error in **Figure 3** as published. The western blot images of pACLY/ACLY (**Figure 3A**) were also mistakenly inserted in **Figure 3B** in place of pPRAS40/PRAS40 images. The corrected **Figure 3** and its caption 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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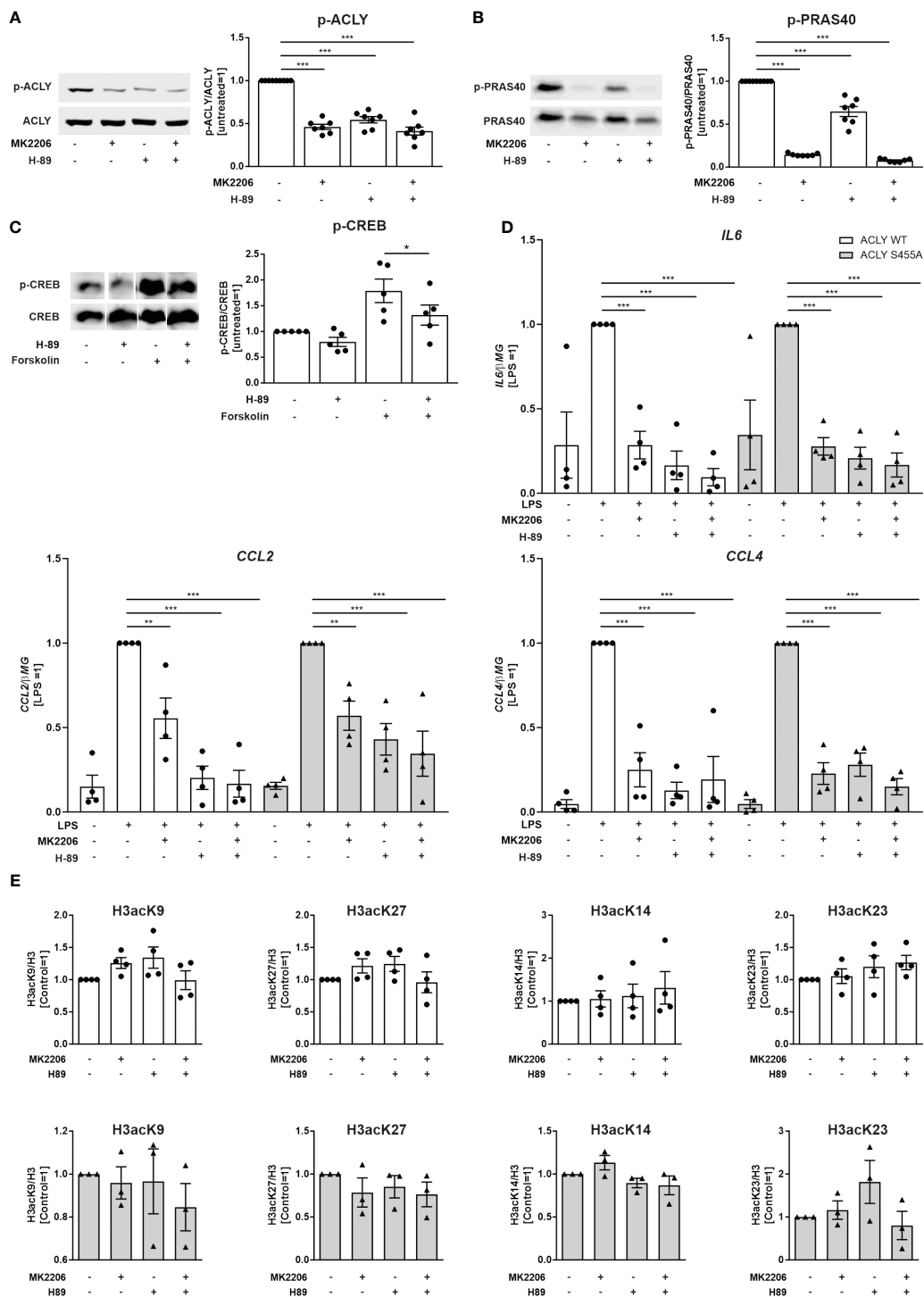


FIGURE 3
 Effects of Akt and PKA inhibition on ACLY phosphorylation, LPS-induced pro-inflammatory cytokine production and basal histone acetylation in THP-1 cells. **(A)** Western blot analysis of ACLY phosphorylation in ACLY WT cells upon treatment with 10 μ M MK2206 or 10 μ M H-89 for 30 minutes. **(B)** Western blot analysis of PRAS40 phosphorylation in ACLY WT cells upon treatment with 10 μ M MK2206 or 10 μ M H-89 for 30 minutes. **(C)** Western blot analysis of CREB phosphorylation upon treatment with 10 μ M H-89 or 50 μ M forskolin for 30 minutes **(D)** mRNA expression of IL6, CCL2 and CCL4 in ACLY WT and S455A THP-1 cells following treatment with 10 μ M MK2206 or 10 μ M H-89 for 30 minutes and 100 ng/ml LPS for 3 hours. **(E)** Western blot analysis of histone H3 acetylation at K9, K27, K14 and K23 in ACLY WT and S455A cells after treatment with 10 μ M MK2206 or 10 μ M H-89 for 30 minutes. Data represent mean values \pm SE of 3-7 independent experiments. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.