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Author Correction: Interleukin-6/STAT3 signalling regulates adipocyte induced epithelial-mesenchymal transition in breast cancer cells

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-018-27184-9>, published online 11 June 2018.

This Article contains errors.

In Figure 5C, the image for pSTAT3 stain for MCF-7/IL-6 siRNA is incorrect. In addition, the images for MCF-7 co-culture are incorrect. In addition, the figure legend for Figure 5 does not correspond to the arrangement of panels. The correct Figure 5 appears below as Figure 1, along with a revised figure legend.

This error affects Supplementary Figure 4, for which the pSTAT3 stain of MCF-7/IL-6 siRNA is incorrect. The correct Supplementary Figure 4 appears below as Figure 2.

Published online: 29 July 2020

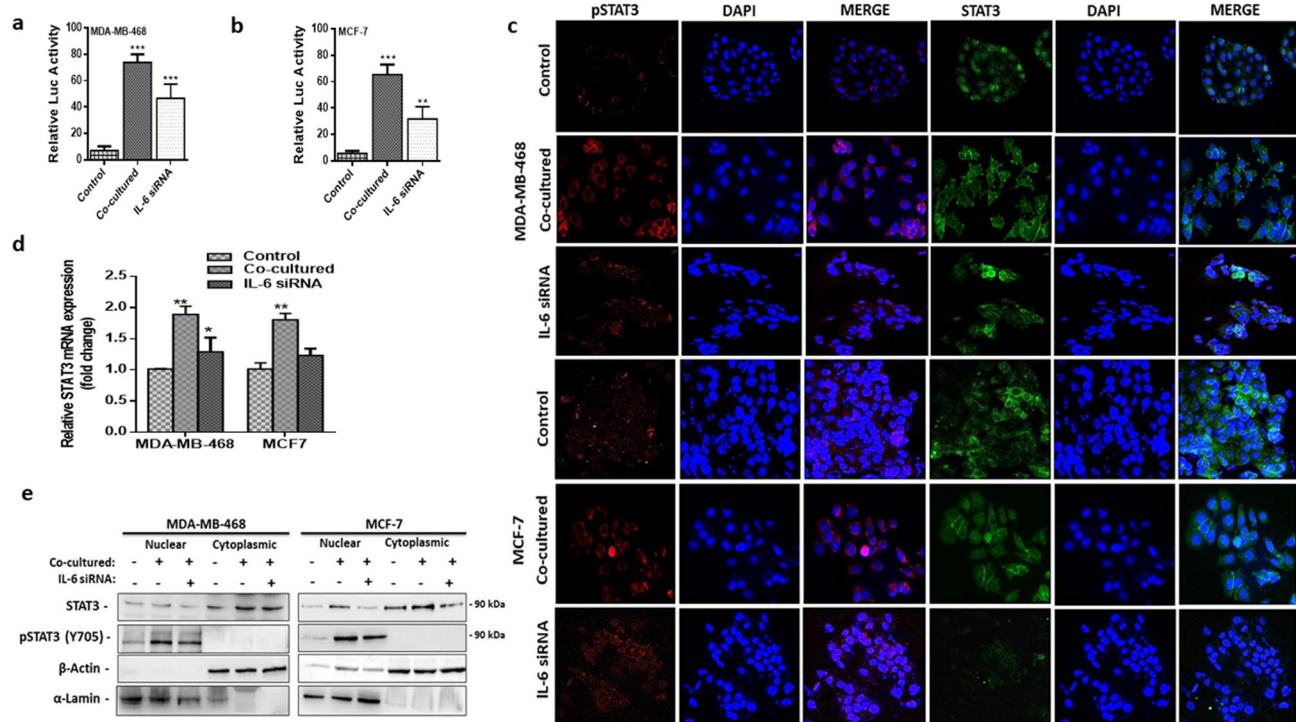


Figure 1. (a,b) Relative luciferase activity in breast cancer cells with STAT3 luciferase reporter plasmid, with/without human adipocytes and after IL-6 was blocked. STAT3 luciferase activity was measured after 48 hours. (c) STAT3 phosphorylation and nuclear localization in co-cultured human breast cancer cells with/without IL-6 neutralization and in control cells assessed by immunofluorescence staining. (d) Quantitative PCR comparing the expression of STAT3 mRNA in co-cultured breast cancer cells with/without IL-6 blocking and in control cells. Relative mRNA expression was normalized to GAPDH. (e) Representative western blot analysis of pSTAT3 expression in cytoplasmic and nuclear fraction of co-cultured breast cancer with/without IL-6 neutralization and in control breast cancer cells.

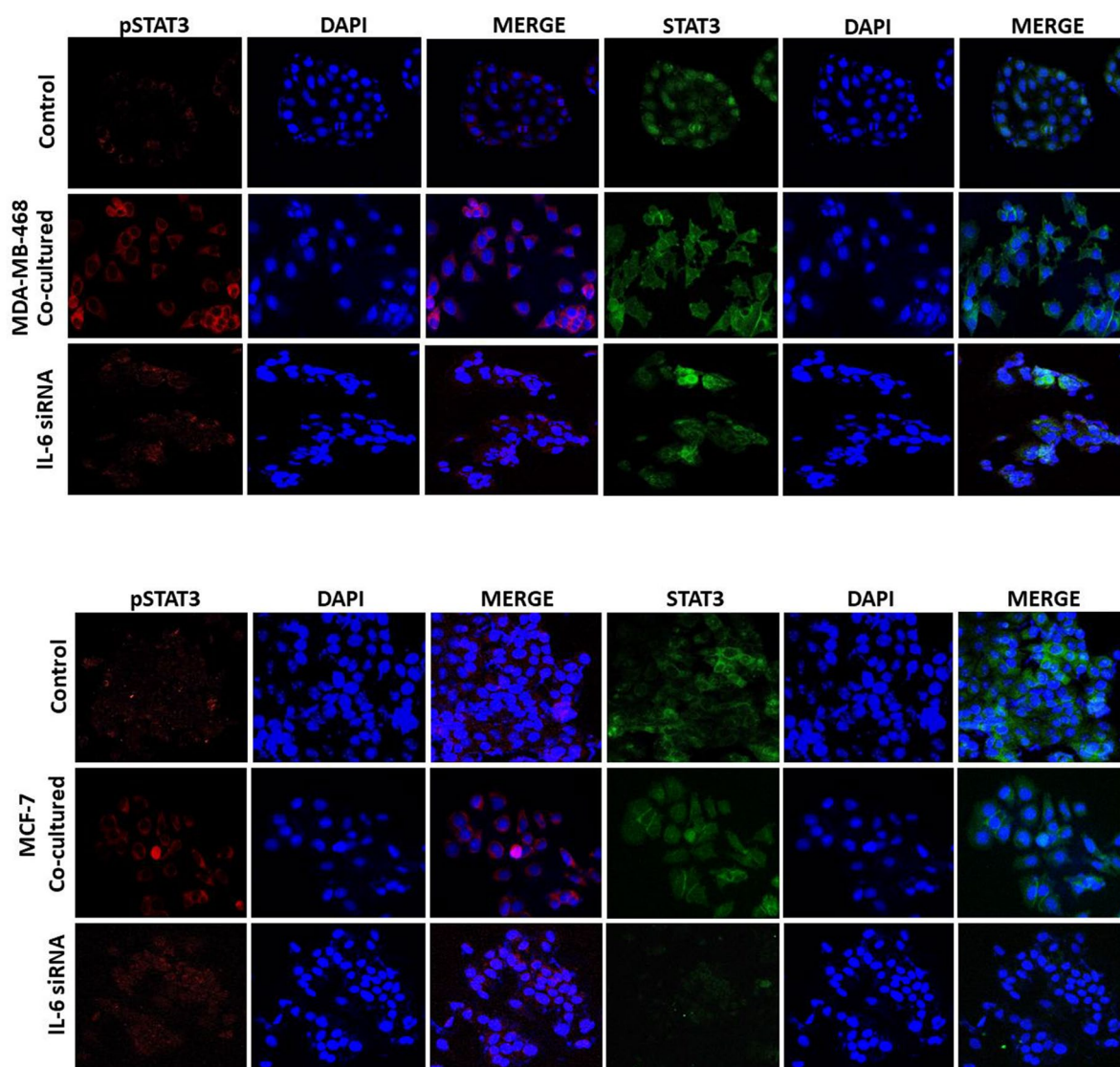


Figure 2.

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