



CORRECTION OPEN

Correction: Evolving understanding of autoimmune mechanisms and new therapeutic strategies of autoimmune disorders

Yi Song, Jian Li and Yuzhang Wu

Signal Transduction and Targeted Therapy (2025)10:426

; <https://doi.org/10.1038/s41392-025-02525-z>

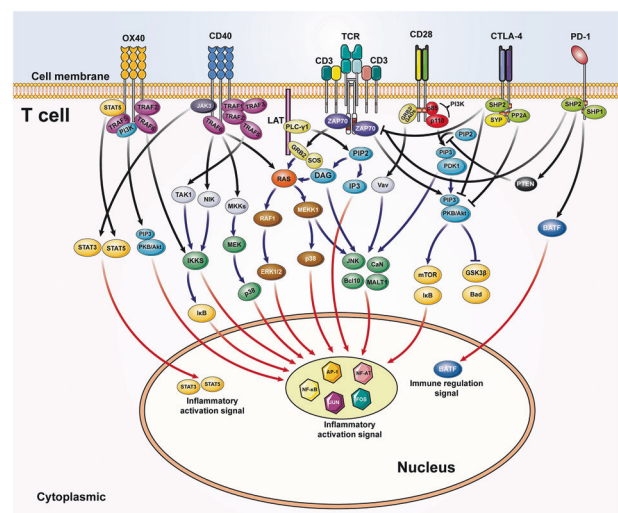
Correction to: *Signal Transduction and Targeted Therapy* <https://doi.org/10.1038/s41392-024-01952-8>, published online 04 October 2024

Since the publication of this review article, the authors received the feedback regarding an inaccurate concept description in the text.¹ It was previously stated on page 3, column 2, line 46 that “The binding of CD40 on T cells and CD40L on B cells can promote B cells interior recruits the TNFR-associated factors (TRAFs), and reaction molecules include NIK, inhibitor of NF- κ B kinase and TPL2 which lead to the activation of transcription factors such as NF- κ B and AP1 at last”. Upon checking the related texts in the reference, the authors notice that CD40L is expressed on T cells while CD40 is expressed on B cells. Therefore, the correct text should be “The binding of CD40L on T cells to CD40 on B cells recruits TNFR-associated factors (TRAFs) within B cells. This recruitment activates downstream signaling molecules like NIK, inhibitor of NF- κ B kinase, and TPL2, leading to the activation of transcription factors NF- κ B and AP-1”.

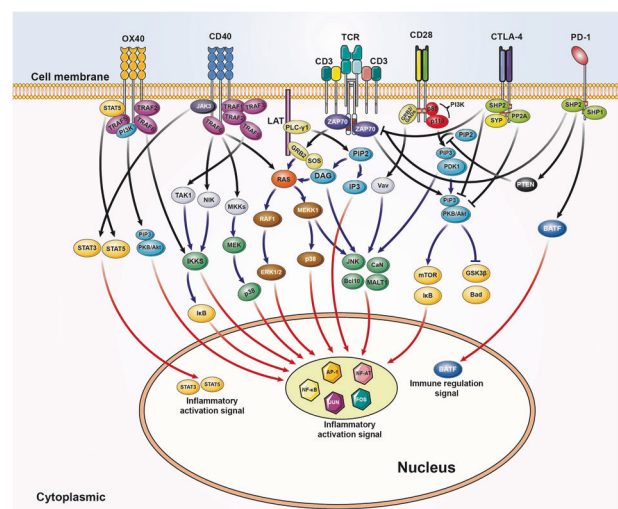
In addition, Figure 2 should delete “T cells” from the image, because this figure indicates a cellular pattern emphasizing gene regulation downstream of each inflammation-related signaling pathway, rather than just T cells. This figure has been updated below to reflect this change.

In Figure 7, we previously incorrectly reversed the color circle notes in this figure (Correct formulation: the yellow circles represent natural amino acid; the red circles represent altered amino acid) and have now corrected them. This figure has been updated below to reflect this change.

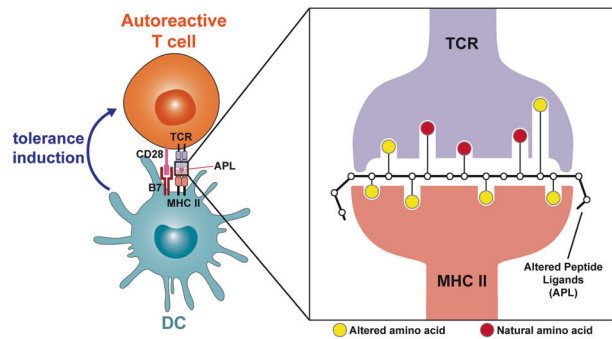
Incorrect Figure 2:



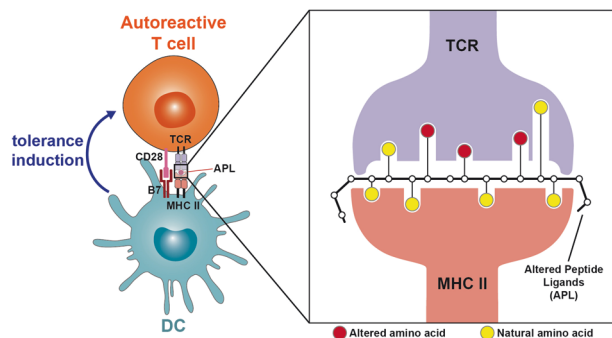
Correct Figure 2:



Incorrect Figure 7:



Correct Figure 7:



No other findings in this review are affected by these changes.

REFERENCE

1. Song, Y., Li, J. & Wu, Y. Evolving understanding of autoimmune mechanisms and new therapeutic strategies of autoimmune disorders. *Sig Transduct Target Ther* **9**, 263 (2024).



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