

# Corrigendum: thioreductase- containing epitopes inhibit the development of type 1 ...

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A corrigendum on

[Thioreductase-Containing Epitopes Inhibit the Development of Type 1 Diabetes in the NOD Mouse Model](#)

[by Malek Abrahamians E, Vander Elst L, Carlier VA, Saint-Remy J-M. Front Immunol \(2016\) 7: 67. doi: 10.3389/fimmu.2016.00067](#)

In the original article, there was an error in the wording concerning the production of cytokines.

A correction has been made to the section Results, Subsection CCGAD65 Peptide Elicits CD4<sup>+</sup> T Cells with a Unique Phenotype and Cytolytic Properties, Paragraph 2:

The phenotype at resting state, 14 days after last stimulation with CCGAD65-loaded APCs, was CD3<sup>+</sup> CD4<sup>+</sup> CD8<sup>-</sup> CD25<sup>+</sup> CD44<sup>+</sup> CD62L<sup>-</sup> CD127<sup>-</sup> CD27<sup>-</sup> CD28<sup>-</sup>, indicative of an effector memory phenotype. Some cells were positive for T-Bet and/or GATA-3, but all were negative for Foxp3. The production of cytokines was essentially IL-4 and low IFN- $\gamma$ . This distinct phenotype was conserved even when cells were repeatedly stimulated *in vitro* with the WTGAD65 peptide, suggesting a terminal differentiation. By contrast, the phenotype expressed by CD4<sup>+</sup> T cells generated in a similar manner from mice immunized with the WTGAD65 peptide was CD3<sup>+</sup> CD4<sup>+</sup> CD8<sup>-</sup> CD25<sup>+</sup> CD44<sup>+</sup> CD62L<sup>-</sup> CD127<sup>high</sup> CD27<sup>high</sup> CD28<sup>-</sup> (Figure 2B; Figures S3 and S4 in Supplementary Material). Altogether, this indicates that cells generated with a thioreductase-containing peptide are terminally differentiated effector T cells with a memory phenotype.

<https://assignbuster.com/corrigendum-thioreductase-containing-epitopes-inhibit-the-development-of-type-1-diabetes-in-the-nod-mouse-model/>

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.

### **Conflict of Interest Statement**

The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.