

# [Corrigendum: thioreductase-containing epitopes inhibit the development of type 1 ...](https://assignbuster.com/corrigendum-thioreductase-containing-epitopes-inhibit-the-development-of-type-1-diabetes-in-the-nod-mouse-model/)

[Health & Medicine](https://assignbuster.com/essay-subjects/health-n-medicine/)

A corrigendum on

[Thioreductase-Containing Epitopes Inhibit the Development of Type 1 Diabetes in the NOD Mouse Model
*by Malek Abrahimians E, Vander Elst L, Carlier VA, Saint-Remy J-M. Front Immunol (2016) 7: 67. doi: 10. 3389/fimmu. 2016. 00067*](https://www.frontiersin.org/article/10.3389/fimmu.2016.00067/full)

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+ 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 + CD4 + CD8 − CD25 + CD44 + CD62L − CD127 − CD27 − CD28 − , 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-γ. 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 + T cells generated in a similar manner from mice immunized with the WTGAD65 peptide was CD3 + CD4 + CD8 − CD25 + CD44 + CD62L − CD127 high CD27 high CD28 − (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.

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.