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Corrigendum: Bivalent binding of staphylococcal superantigens to the TCR and CD28 triggers inflammatory signals independently of antigen presenting cells

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In the published article, there was an error in Figure 3 as published. Figure 3 was substituted with Figure 4, which was duplicated. 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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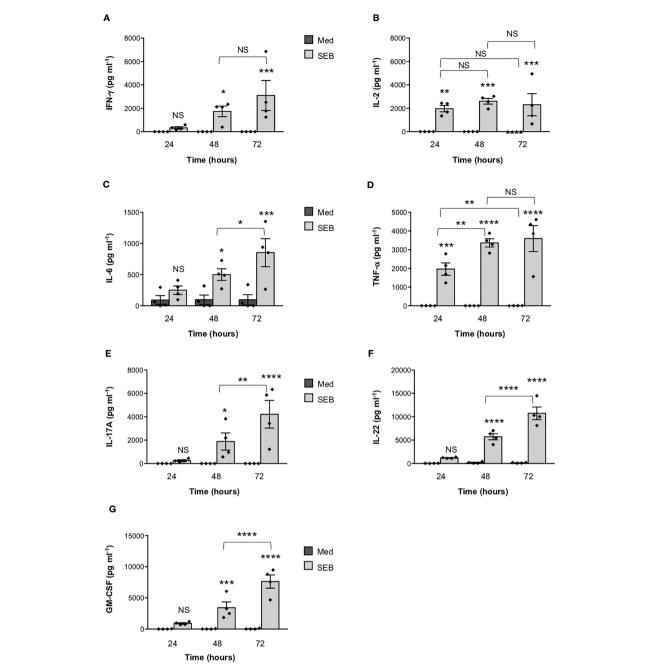


FIGURE 3 Stimulation of CD4+ T cells by SEB induces the secretion of inflammatory cytokines in the absence of MHC class II- and B7-expressing APCs. (A-G) Human CD4+ T cells isolated by the peripheral blood of healthy donors (HD) were unstimulated (Med) or stimulated for different times with 1 μ g ml-1 SEB. IFN- γ (A), IL-2 (B), IL-6 (C), TNF- α (D), IL-17A (E), IL-22 (F) and GM-CSF (G) levels in culture supernatant were measured by ELISA. Data show the mean \pm SEM of different HD (n = 4). Statistical significance was calculated by One-way ANOVA. Means values (pg ml-1): 24 hours; IFN- γ , Med = 0, SEB = 328.7; IL-2, Med = 0, SEB = 1966; IL-6, Med = 92.2; SEB = 249; TNF- α , Med = 0, SEB = 1959; IL-17A, Med = 0, SEB = 251.7; IL-22, Med = 37.4, SEB = 1197; GM-CSF, Med = 19.1, SEB = 916.5. 48 hours; IFN- γ , Med = 0, SEB = 1738; IL-2, Med = 0, SEB = 2600; IL-6, Med = 96.7, SEB = 498.8; TNF- α , Med = 0, SEB = 3361; IL-17A, Med = 0, SEB = 1884; IL-22, Med = 178.6, SEB = 5726; GM-CSF, Med = 22.3, SEB = 3426. 72 hours; IFN- γ , Med = 0, SEB = 3099; IL-2, Med = 0.9, SEB = 2303; IL-6, Med = 95, SEB = 851.5; TNF- α , Med = 2.6, SEB = 3591; IL-17A, Med = 0, SEB = 4211; IL-22, Med = 140.9, SEB = 10737; GM-CSF, Med = 42.3, SEB = 7633. (*) p < 0.05, (**) p < 0.001, (****) p < 0.0001. (*****) p < 0.0001. NS, not significant.