# Corrigendum: Neuro-PASC is characterized by enhanced CD4+ and diminished CD8+ T cell responses to SARSCoV-2 Nucleocapsid protein

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A corrigemdum on

**Neuro-PASC is characterized by enhanced CD4+ and diminished CD8+
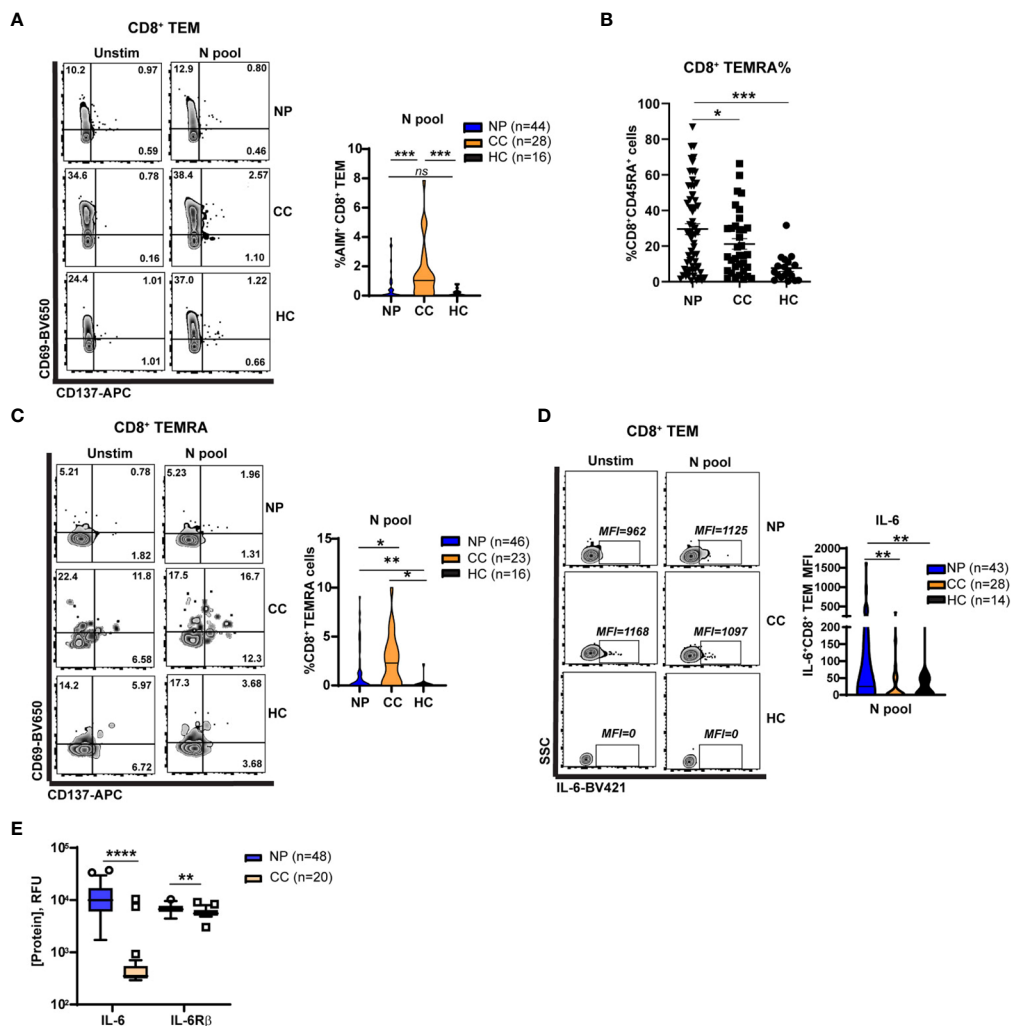T cell responses to SARS-CoV-2 Nucleocapsid protein**

by Visvabharathy L, Hanson BA, Orban ZS, Lim PH, Palacio NM, Jimenez M, Clark JR, Graham EL, Liotta EM, Tachas G, Penaloza-MacMaster P and Koralnik IJ (2023) *Front. Immunol.* 14:1155770. doi: 10.3389/fimmu.2023.1155770

In the published article, there was an error in Figure 4 as published. The figure legend did not match the figure panels. The corrected Figure 4 and its caption appear below.

In the published article, there was an error in Figure S2 as published. There was a grammatical error in the figure legend. The corrected Figure S2 and its caption appear in the Supplementary Material.

In the published article, there was an error in Figure S4 as published. There was a mistake in the figure title and the caption. The corrected Figure S4 and its caption appear in the Supplementary Material.

In the published article, there was an error in Figure S6 as published. There was a grammatical error in the caption. The corrected Figure S6 and its caption appear in the Supplementary Material.

**FIGURE 4**

Elevated Nucleocapsid-specific CD4+ T cell and attenuated CD8+ memory T cell activation in Neuro-PASC patients **(A)** CD8+ TEM from NP patients show decreased activation after stimulation with N peptides. **(B)** Higher percentages of CD8+ TEMRA cells are found in NP patients compared to control groups. **(C)** CD8+ TEMRA cells from NP patients are less activated by N peptides compared with CC subjects. **(D)** CD8+ TEM from NP patients have enhanced IL-6 production after N antigen stimulation compared to CC subjects on a per-cell basis (mean fluorescence intensity; MFI). **(E)** Increased soluble IL-6 and IL6Rβ in NP patient plasma compared with CC subjects. Data combined from 5 independent experiments with the indicated n values. *p<0.05, **p<0.01, ****p<0.0001 using two-tailed Student's t test with Welch's correction. "*ns*", not significant.

In the published article, there was an error in Figure S8 as published. There was an extra word "classical" in the figure caption. The corrected Figure S8 and its caption appear in the Supplementary Material.

The authors apologize for these errors 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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