

CORRECTION

Correction: Seminal plasma induces inflammation and enhances HIV-1 replication in human cervical tissue explants

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In panel A of [Fig 3](#), the gray and white bars in the chart are filled incorrectly. The white bars should be gray and the gray bars should be white. Please see the corrected [Fig 3](#) here.



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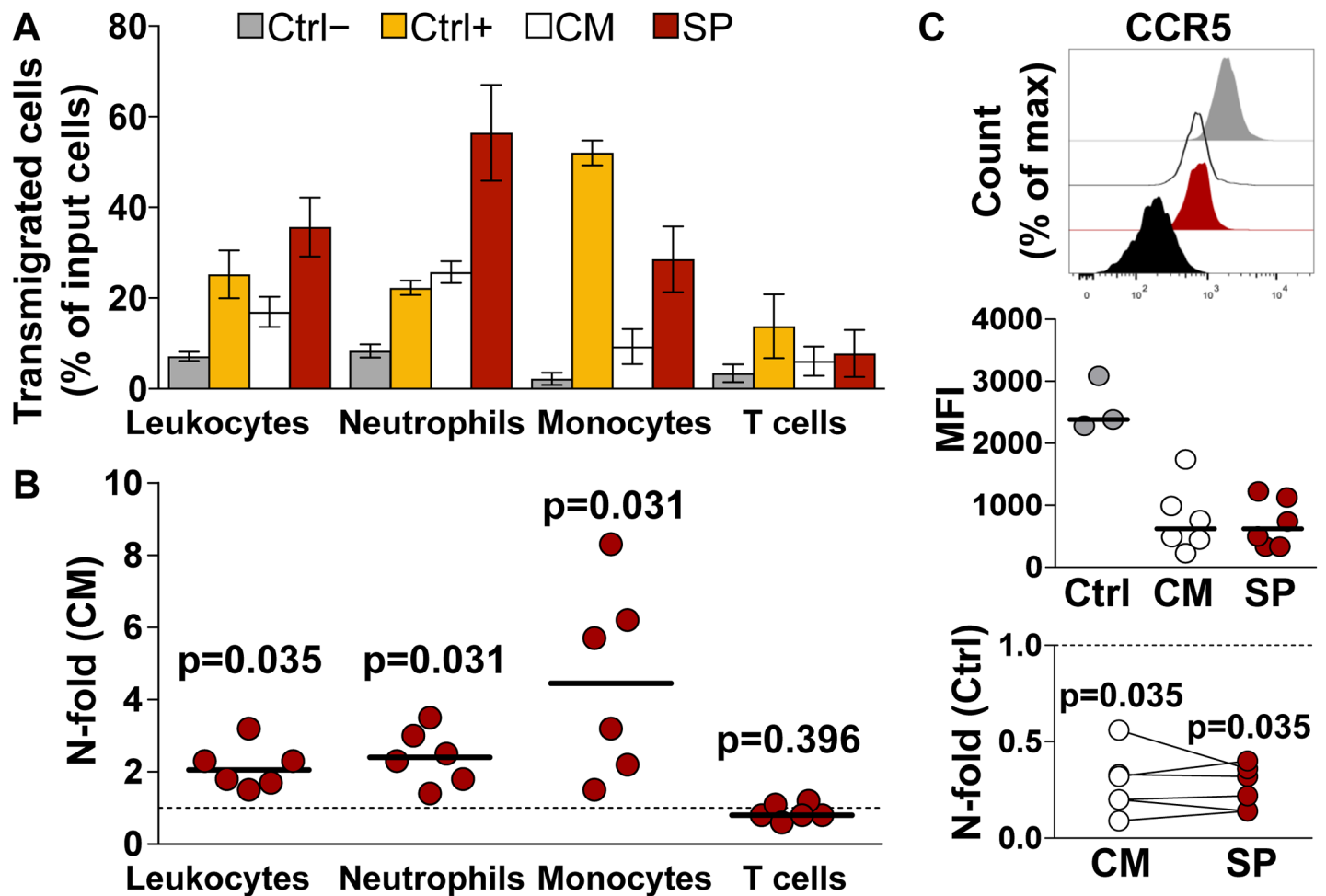


Fig 3. Transwell migration of peripheral blood leukocytes (PBL). Mononuclear cells and granulocytes were isolated from blood, pooled (i.e. PBL) and incubated in a transwell system for 2 h with explant conditioned medium (ECM) from donor-matched ectocervical explants incubated with culture medium (CM-ECM) or seminal plasma (SP-ECM). Transmigrated cells were immunophenotyped and enumerated by flow cytometry (see S5 Fig). **A)** Fraction of transmigrated cells out of total number of PBL loaded into a transwell insert for each analyzed cell population (input). PBL were incubated with CM-ECM (white), SP-ECM (red), and with medium only (grey) and medium supplemented with FBS 10% (yellow) as negative and positive controls respectively. Bars represent mean with s.e.m (n = 6). **B)** N-fold change in the fraction of transmigrated PBL incubated with SP-ECM compared to that of donor-matched CM-ECM. Bars indicate median values. $p < 0.05$ denotes a significant difference with CM (Wilcoxon signed rank test). **C)** Expression levels of the chemokine receptor CCR5 on transmigrated monocytes. Top, peaks represent PBL untreated cultured (ctrl, gray), cultured with CM-ECM (CM, white), cultured with SP-ECM (SP, red), and unstained control (black) from one representative experiment. Middle, CCR5 mean fluorescence intensity (MFI). Bars indicate median values. Bottom, n-fold change in CCR5 MFI on PBL cultured with ECM compared to untreated cultured PBL (ctrl). Lines connect measurements obtained from donor-matched ECM. $p < 0.05$ denotes a significant difference with ctrl (Wilcoxon signed rank test).

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Reference

1. Introini A, Boström S, Bradley F, Gibbs A, Glaessgen A, Tjernlund A, et al. (2017) Seminal plasma induces inflammation and enhances HIV-1 replication in human cervical tissue explants. *PLoS Pathog* 13(5): e1006402. doi:10.1371/journal.ppat.1006402 PMID: 28542587