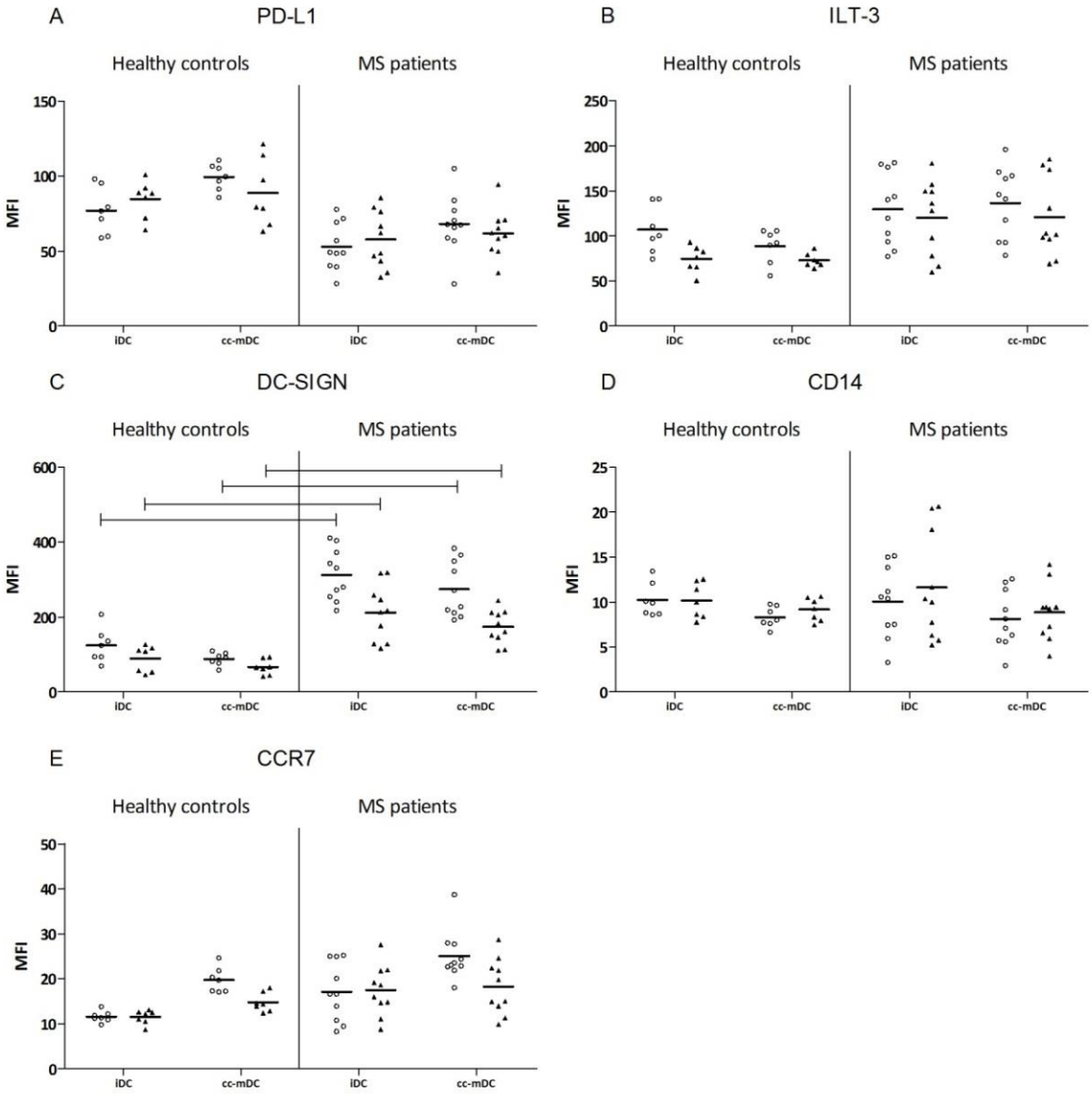
**Supplementary Materials**

Supplementary Figure 1




**Supplementary Figure 1: Phenotypic characteristics of *in vitro* differentiated iDC and cc-mDC from healthy controls and MS patients**

CD14+ monocytes were cultured for 6 days in the presence of IL-4 and GM-CSF or in the presence of IL-4, GM-CSF and $1,25(OH)_2D_3$ to obtain conventional iDC (open dots) or $1,25(OH)_2D_3$-treated iDC (filled triangles) respectively. On day 6, DC were stimulated with a cocktail of pro-inflammatory cytokines (i.e. cc-mDC) or left untreated (i.e. iDC). The mean fluorescence intensity (MFI) of (A) PD-L1, (B) ILT-3, (C) DC-SIGN, (D) CD14 and (E) CCR7 by DC of healthy controls (n=7) and MS patients (n=10) is determined by flow cytometry. Horizontal lines show the mean.

Abbreviations used: MFI, mean fluorescence intensity; iDC, immature DC; cc-mDC, cytokine cocktail-matured DC.