Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

for

Properties of Immature and Mature Dendritic cells: Phenotype, Morphology, Phagocytosis, and Migration

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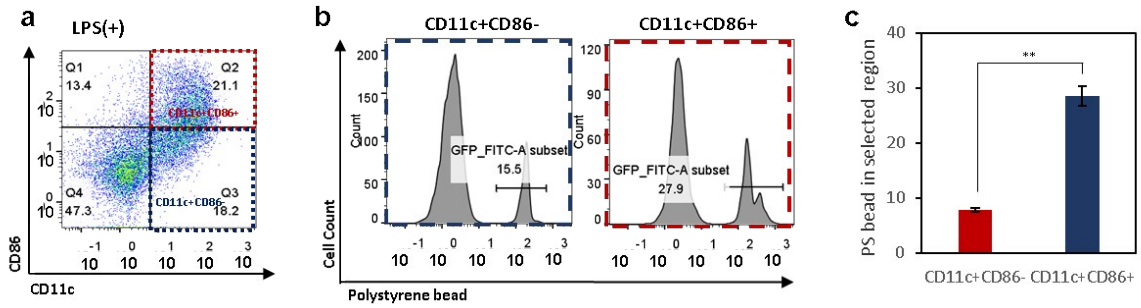

Figure S1. (a) Flow cytometry plot of LPS-treated BMDCs, used to analyze cellular uptake levels of PS beads in the $CD11c^{+}CD86^{+}$ and $CD11c^{+}CD86^{-}$ populations. (b) Flow cytometry histograms of PS beads in the $CD11c^{+}CD86^{+}$ and $CD11c^{+}CD86^{-}$ populations. (c) Quantitative analysis of PS bead uptake levels in $CD11c^{+}CD86^{+}$ and $CD11c^{+}CD86^{-}$ population. The data are expressed as mean values ± SD. $^{**}P < 0.01$.

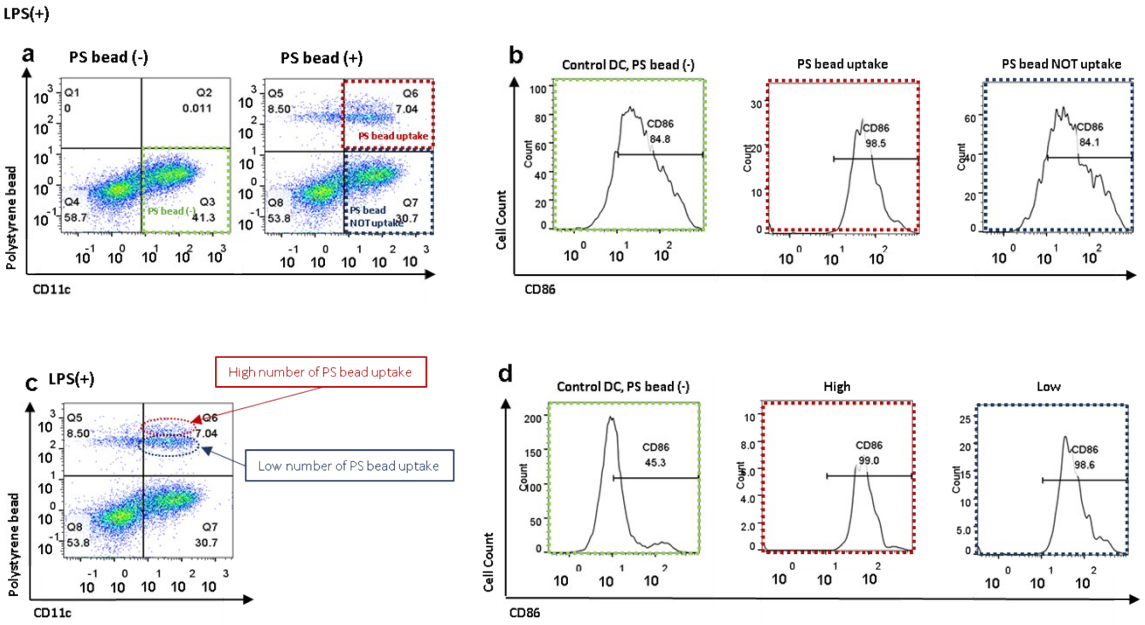

Figure S2. (a) Flow cytometry plots of LPS-treated BMDCs and BMDCs after incubation with PS beads, used to analyze the effect of the cellular uptake of PS beads on CD86 levels. Green: LPS-treated BMDCs without incubation with PS beads; Red: LPS-treated BMDCs after incubation with PS beads and with PS bead uptake; Blue: LPS-treated BMDCs after incubation with PS beads, but without PS bead uptake. (b) Flow cytometry histograms showing CD86 levels in LPS-treated BMDCs and BMDCs with and without PS bead internalization. (c) Flow cytometry plot of LPS-treated BMDCs after incubation with PS beads, used to analyze the effect of the number of PS beads that were internalized by $CD11c^+$ cells on CD86 levels. Red: LPS-treated BMDCs with a high number of PS beads taken up; Green: LPS-treated BMDCs with a low number of PS beads taken up. (d) Flow cytometry histograms showing CD86 levels in LPS-treated BMDCs and BMDCs after incubation with PS beads, with high and low numbers of PS beads taken up.