



Supplemental Material for:

Placental Hofbauer Cell Polarization Represents A Stable Phenotype Which Cannot Be Altered Readily *In Vitro*

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Supplementary Material

Patient Characteristics

Maternal Age [¶] (years)	31 (28-34)
Maternal BMI before pregnancy (kg/m ²)	21.2±1.4
Maternal BMI at delivery (kg/m ²)	26.6±1.7
Placental Weight (g)	578.0±61.8
Neonatal weight (g)	3276.8±456.9
Neonatal length (cm)	51.0±2.6
Neonatal ponderal index (kg/m ³)	2.5±0.2
Mode of delivery*	CS=2, V=3
Gestational Age [¶] (wks)	39 (37-40)

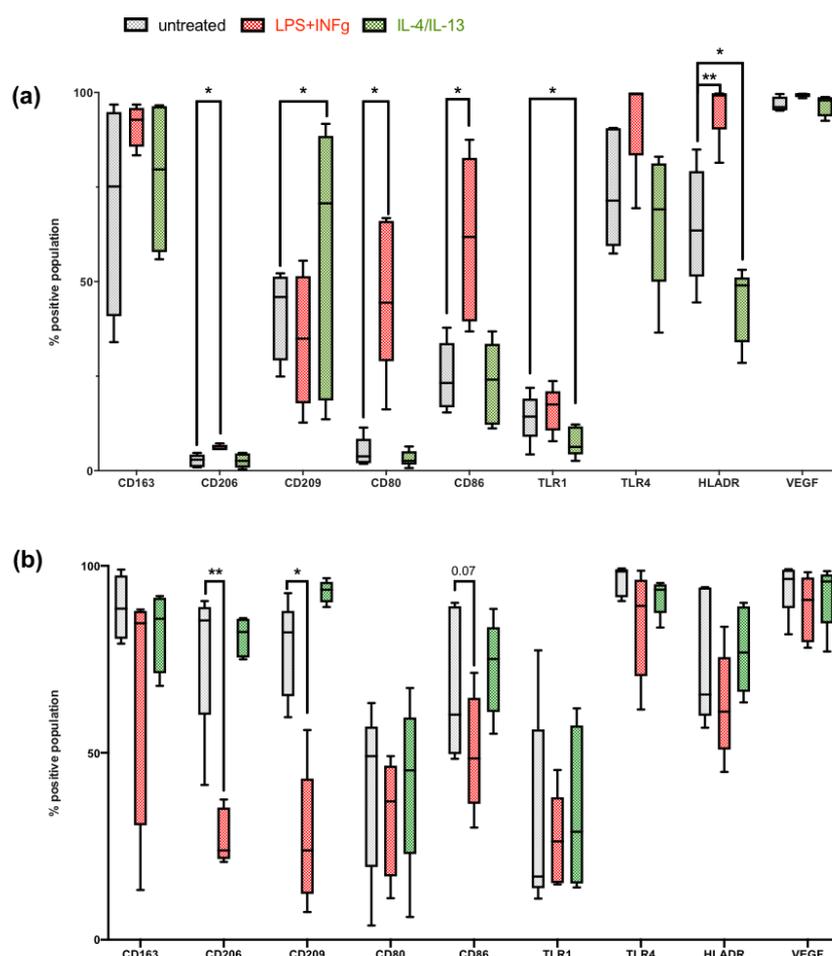
*CS= cesarean section, V = spontaneous vaginal delivery

[¶] all data mean±SD except Maternal and Gestational Age which is presented as median (range)

Supplementary Table 1 Obstetrical and biometric characteristics of study subjects whose placenta was used for HBC isolation (n=5).

Antibody against	Company	Catalogue Number	Clone	Fluorophor	Dilution
CD163	BioLegend	#333610	GHI/61	APC	1:7
CD206	BD	# 551135	19.2	FITC	1:10
DC-SIGN	BD	# 558263	DCN46	PerCP5.5	1:10
CD80	BD	# 560444	L307.4	V450	1:10
CD86	BD	#560359	2331	V450	1:10
TLR-1	Abcam	#ab59702	GD2.F4	FITC	1:20
TLR-4	RnDSsystems	#FAB6248P	610015	PE	1:20
HLA-DR	BioLegend	#307635	L243	V450	1:20
VEGF	RnDSsystems	#IC2931P	23410	PE	1:20

Supplementary Table 2 Antibodies used in FACS experiments. All antibodies used were monoclonal antibodies generated in mice.



Supplementary Figure 1 (a) Changes in polarization marker expression in THP-1 macrophages upon stimulation with LPS+INF- γ (red) and IL-4/IL-13 (green). Unstimulated cells are shown in gray. (b) Changes in polarization marker expression in HBCs upon stimulation with LPS+INF- γ (red) and IL-4/IL-13 (green). Unstimulated cells are shown in gray. Box and whiskers plot represents the data from minimum to maximum values (whiskers) and the line within the box represents the median. Data from five individual experiments per cell type were pooled (n=5) and statistical significance was tested using 2-way ANOVA with Dunnett's post-hoc test correcting for multiple comparisons.



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