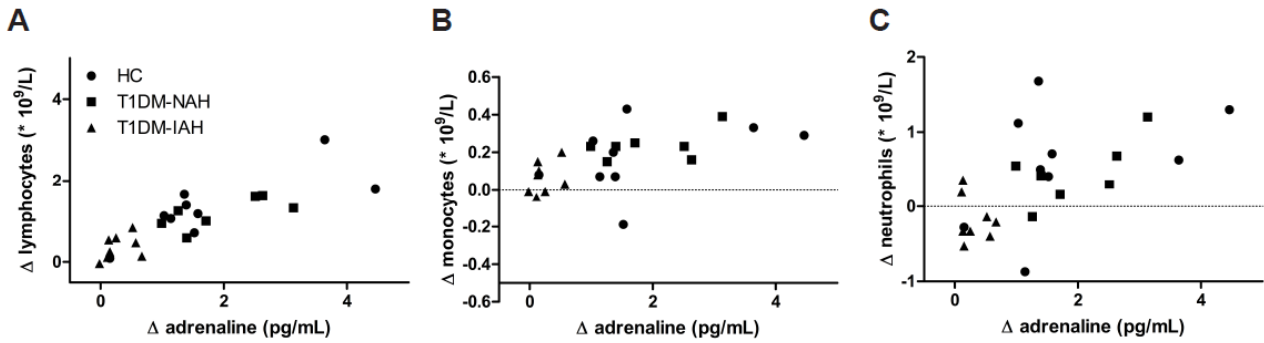


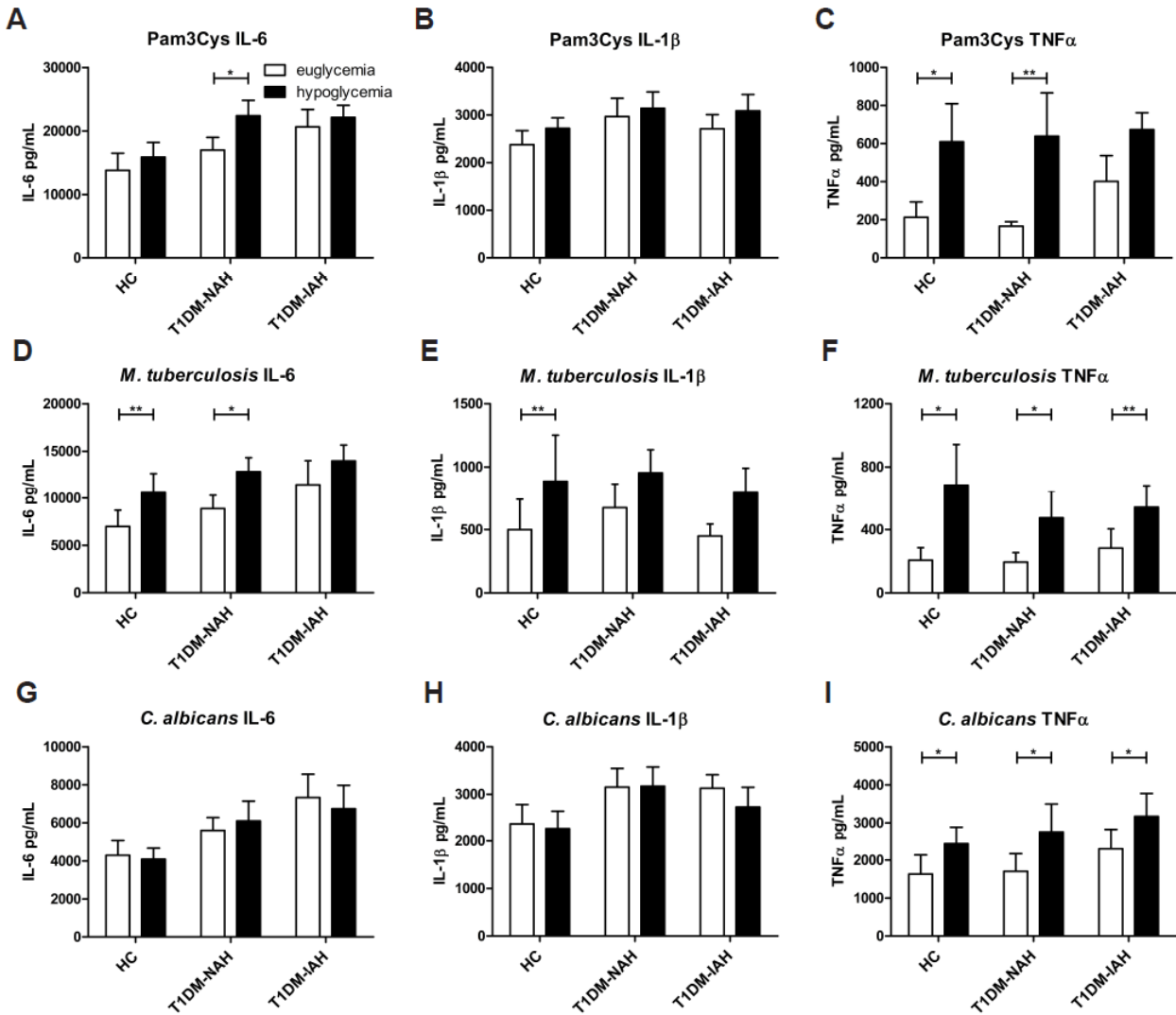
SUPPLEMENTARY DATA

Supplementary Figure 1. Correlation between the difference in lymphocyte (A), monocyte (B) and neutrophil (C) numbers during hypoglycemia versus euglycemia and the difference in adrenaline levels between hypoglycemia and euglycemia. Black circles, healthy controls; black squares, T1DM-NAH patients; black triangles, T1DM-IAH patients.



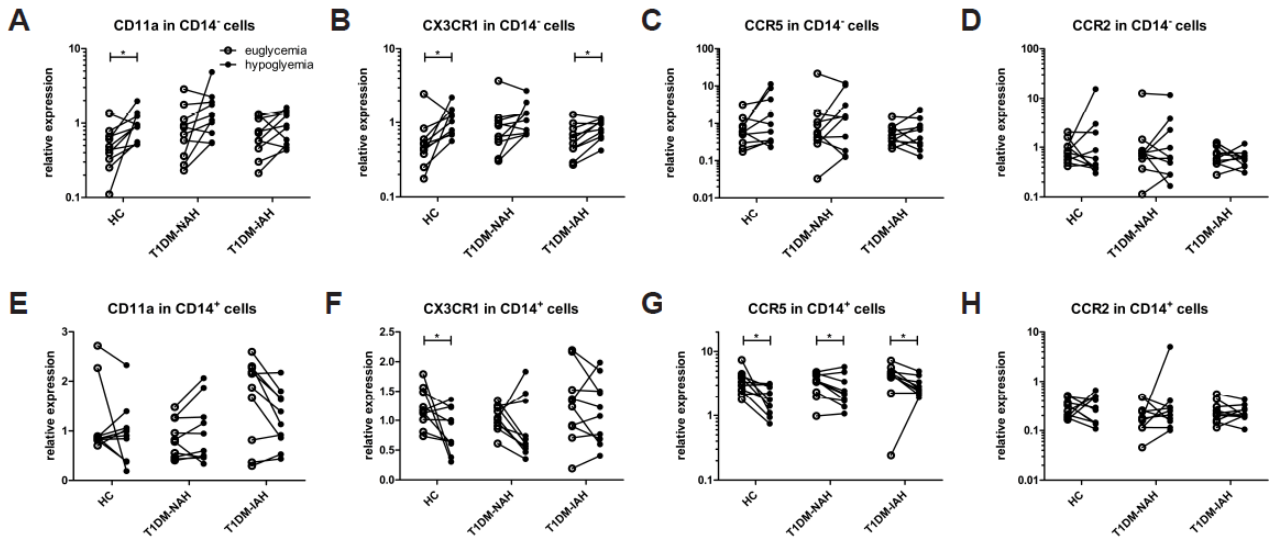
SUPPLEMENTARY DATA

Supplementary Figure 2. IL-6, IL-1 β and TNF α production of PBMCs isolated from euglycemic or hypoglycemic conditions and stimulated for 24 h with Pam3Cys (A-C), *C. albicans* (D-F) or lysate of *M. tuberculosis* (G-I). Open bars, euglycemic values; black bars, hypoglycemic values. * p<0.05, **p<0.01



SUPPLEMENTARY DATA

Supplementary Figure 3. Relative expression of CD11a, CX3CR1, CCR5 and CCR2 assessed by qRT-PCR in CD14⁻ (A-D) or CD14⁺ (E-H) cells exposed to euglycemia or hypoglycemia. Open circles, euglycemic values; black circles; hypoglycemic values. * p<0.05



SUPPLEMENTARY DATA

Supplementary Table 1. Hormonal responses to hypoglycemia

	Healthy controls		T1DM-NAH		T1DM-IAH	
	EU	HYPO	EU	HYPO	EU	HYPO
Glucagon (pmol/L)	15.8 ± 0.8	33.0 ± 3.7*	13.4 ± 0.8	17.7 ± 2.6†	13.0 ± 0.9	16.1 ± 3.3†
Adrenaline (nmol/L)	0.11 ± 0.02	1.90 ± 0.46*‡	0.10 ± 0.01	1.94 ± 0.29*‡	0.12 ± 0.02	0.39 ± 0.07*
Noradrenaline (nmol/L)	1.19 ± 0.17	1.94 ± 0.20*	1.20 ± 0.08	1.46 ± 0.07*	1.33 ± 0.15	1.51 ± 0.20
Cortisol (µmol/L)	0.38 ± 0.06	0.51 ± 0.08*	0.48 ± 0.08	0.69 ± 0.10*	0.43 ± 0.10	0.41 ± 0.08
hGH (mU/L)	8.4 ± 3.8	32.2 ± 9.5*	5.7 ± 1.6	69.2 ± 14.8*	10.2 ± 5.2	52.0 ± 12.4*

Data are mean ± SEM, * $p < 0.05$ for euglycemia versus hypoglycemia, † $p < 0.05$ versus healthy controls, ‡ $p < 0.01$ versus T1DM-IAH

SUPPLEMENTARY DATA

Supplementary Table 2.

target gene	forward primer	reverse primer
B2M	ATGAGTATGCCTGCCGTGTG	CCAAATGCGGCATCTTCAAAC
CD11a	CAGGCTATTTGGGTACACCG	CCATGTGCTGGTATCGAGGG
CX3CR1	ATATTGGGGACATCGTGGTCT	TGGCAAAGATGACGGAGTAGA
CD4	AAGGGGATACAGTGGAAGTAC	GGACCTTTAGTTAAGAAGGAGCC
CD8	GCAACCACAGGAACCGAAGA	GTCTCCCGATTTGACCACAGG
CD56	TGTCCGATTCATAGTCCTGTCC	CTCACAGCGATAAGTGCCTC
CD14	ACGCCAGAACCTTGTGAGC	GCATGGATCTCCACCTCTACTG
CD16	ATGTGTCTTCAGAGACTGTGAAC	TTTATGGTCCTTCCAGTCTCTTG
CCR2	CCACATCTCGTTCTCGGTTTATC	CAGGGAGCACCGTAATCATAATC
CCR5	CAAAAAGAAGGTCTTCATTACACC	CCTGTGCCTCTTCTTCTCATTTCG