

# Impact of Adipose-Derived Mesenchymal Stem Cells (ASCs) of Rheumatic Disease Patients on T Helper Cell Differentiation

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**Table S1.** Expression of transcription factors, cytokines and Tregs in resting and activated T cells and PBMCs

	CD4 <sup>+</sup> T cells			PBMCs			CD4 <sup>+</sup> T cells vs PBMCs P value	
	Resting	Activated	P value	Resting	Activated	P value	Resting	Activated
<b>Transcription factors (mRNA)<sup>§</sup></b>								
T-bet	0.86±0.09	1.72±0.07	***	2.0±0.14	1.026±0.02	****	###	###
GATA3	1.73±0.31	1.3±0.2	*	1.625±0.06	1.006±0.04	****	ns	ns
RORc	1.68±0.16	2.6±0.66	ns	0.773±0.06	1.034±0.13	****	##	ns
FoxP3	2.16±0.5	0.8±0.02	ns	1.675±0.18	1.183±0.097	*	ns	ns
R1	0.28±0.04	7.2±0.7	***	1.218±0.076	1.104±0.07	ns	###	###
R2	1.77±0.23	0.47±0.1	***	1.45±0.19	1.047±0.15	ns	ns	ns
<b>Cytokines (pg/ml)</b>								
IFN $\gamma$	16.5±4.05	3756±237	***	210.4±117	918±153	***	ns	###
IL-4	0.48±0.06	79.3±8.6	***	0±0	3.05±0.7	***	###	###
IL-17AF	0±0	642±130	***	0±0	256±24	***	ns	ns
<b>Treg cells (%)</b>	0.7±0.21	23.8±1.9	***	1.98±0.25	3.43±0.12	ns	ns	###

The values are the mean  $\pm$  SEM; \*/#P = 0.05-0.01, \*\*/#P = 0.01-0.001, \*\*\*/###P = 0.001-0.0001, \*\*\*\*/###P < 0.0001;

§ - relative quantification; R 1- T-bet/GATA3 ratio; R2 – RORc/FoxP3 ratio.