

## Supplementary Information

Figure S1. Cytofluoremetric analysis of freshly isolated adherent PBMC for surface determinants. Macrophages/ monocytes: red; lymphocytes: green; 'intermediate cells (FCS/SSC between lymphocytes and macrophages/ monocytes): pink.

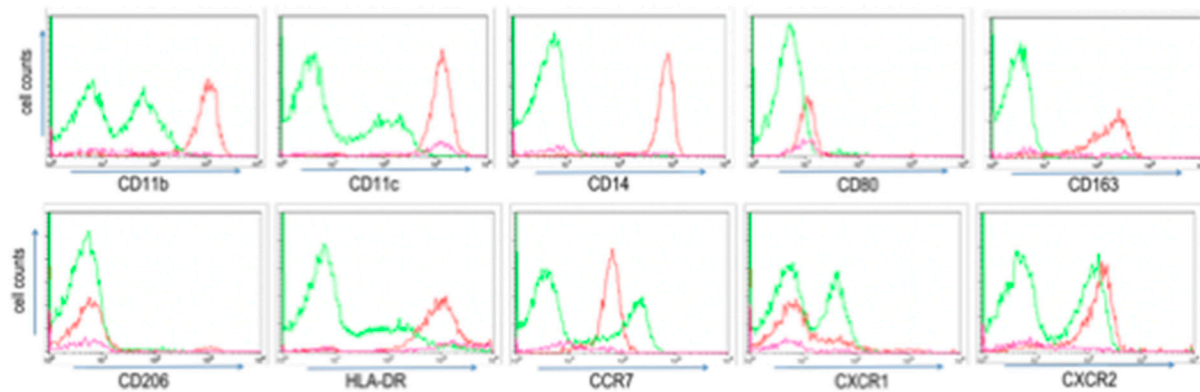


Figure S2. Production of PGE<sub>2</sub> by in vitro differentiated macrophages from PBMC.

Adherent cells isolated from peripheral blood were cultured in basal medium (M0 cells), GM-CSF (M1 cells) and M-CSF (M2) for M1 and M2 differentiation, respectively, for 7 days, followed by activation with LPS/IFN- $\gamma$  or IL-4/ IL-13 for 24 h. Mean values  $\pm$  standard deviation [pg/mL] of triplicates of a representative experiment (of four performed) are given. \*\*  $p < 0.01$ , \*  $p < 0.05$  (versus activated cells).

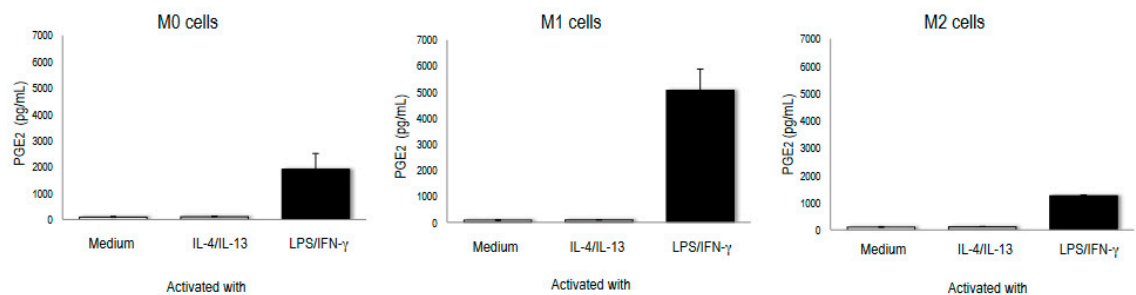


Table S1. Peak Fluorescence Intensity (PFI) data related to Figure 3 of original article *Resveratrol and omega-3 PUFAs Promote Human Macrophage Differentiation and Function* <sup>\*)</sup>

\*\*) p < 0.01, \* p 0.01 < 0.05; NS = non-significant













Surface Determinant	Macrophage population	Color-code in Figure 3	PFI	-/+ st. dev.	M0 vs M1	M0 vs M2
CD11b	M0	red	320	52		
	M1	green	1280	234		
	M2	blue	308	34		
CD14	M0	red	292	121		
	M1	green	48	34		
	M2	blue	409	122		
CD209	M0	red	385	109		
	M1	green	250	23		
	M2	blue	6	4		
CD274	M0	red	112	23		
	M1	green	120	56		
	M2	blue	81	5		
CCR7	M0	red	108	12		
	M1	green	29	5		
	M2	blue	76	10		
HLA-DR	M0	red	1998	201		
	M1	green	1090	12		
	M2	blue	1740	68		

Table S2. Peak Fluorescence Intensity (PFI) data related to Figure 4 of original article *Resveratrol and omega-3 PUFAs Promote Human Macrophage Differentiation and Function* <sup>\*)</sup>

\*\* p < 0.01, \* p 0.01 < 0.05; NS = non-significant

	Surface Determinant	Treatment	Color-code in Figure 4	PFI	-/+ st. dev.	none vs Resveratrol	none vs PUFAs
M1	CD14	none	black	70	14		
		resveratrol	red	313	23		
		omega-3 PUFAs	green	4	1		
	CD206	none	black	1922	34		
		resveratrol	red	8590	245		
		omega-3 PUFAs	green	1267	234		
	CD274	none	black	100	12		
		resveratrol	red	258	120		
		omega-3 PUFAs	green	69	41		
	HLA-DR	none	black	523	56		
		resveratrol	red	1304	202		
		omega-3 PUFAs	green	8967	299		
M2	Surface Determinant	Treatment	Color-code in Figure 4	PFI	-/+ st. dev.		
	CD14	none	black	512	76		
		resveratrol	red	387	112		
		omega-3 PUFAs	green	221	34		
	CD206	none	black	2041	38		
		resveratrol	red	348	152		
		omega-3 PUFAs	green	1756	76		
	CD274	none	black	107	12		
		resveratrol	red	246	19		
		omega-3 PUFAs	green	84	54		
	HLA-DR	none	black	536	82		
		resveratrol	red	8939	431		
		omega-3 PUFAs	green	2036	74		

\*) PFI refers to the fluorescence intensity at the peak of the curves indicated in Figure 3 and Figure 4