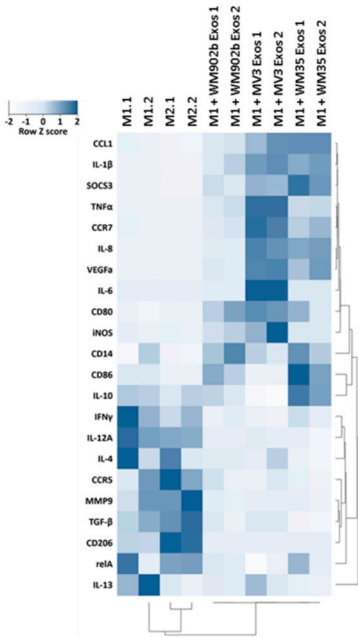
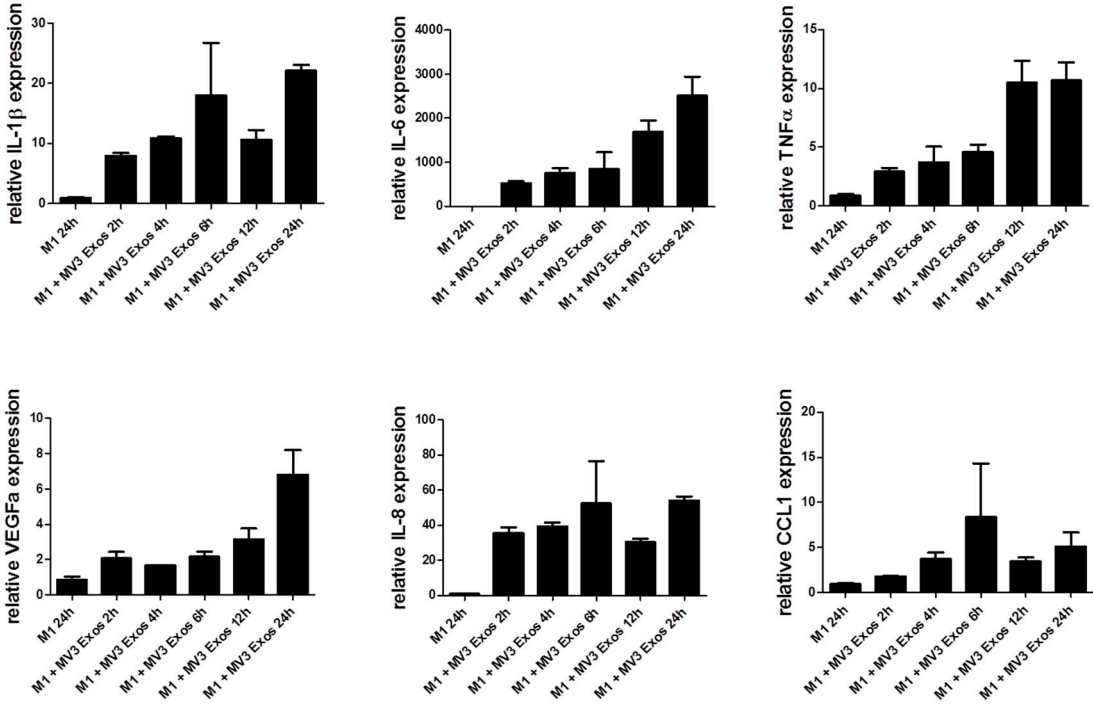


# Supplementary Figures

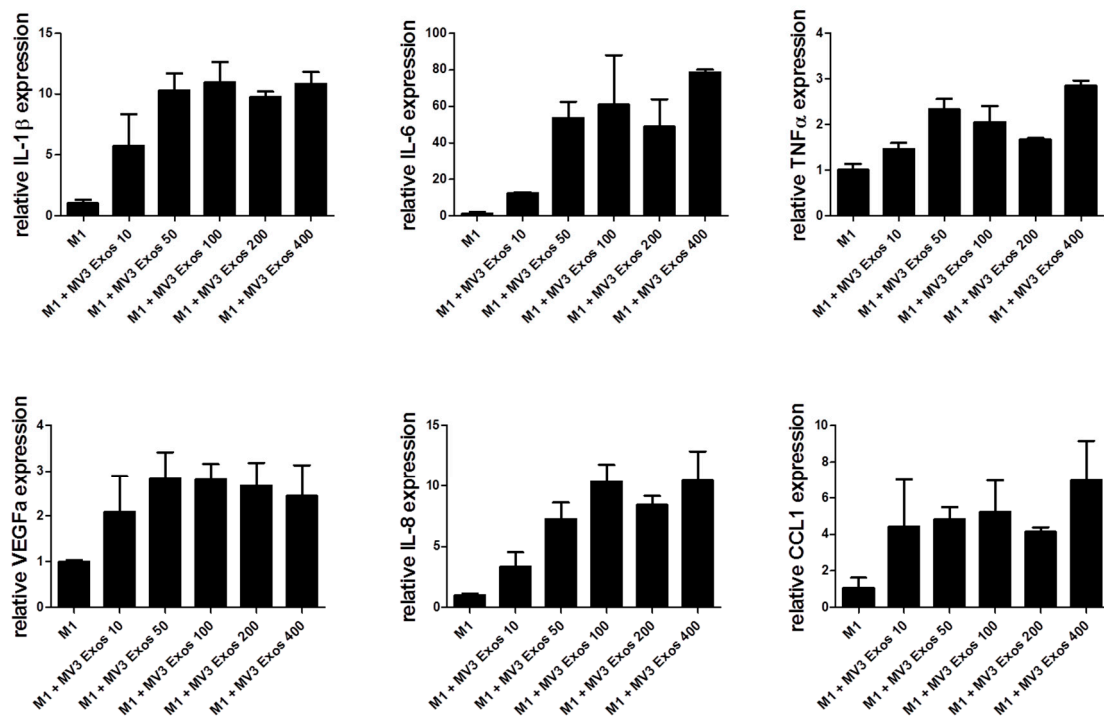
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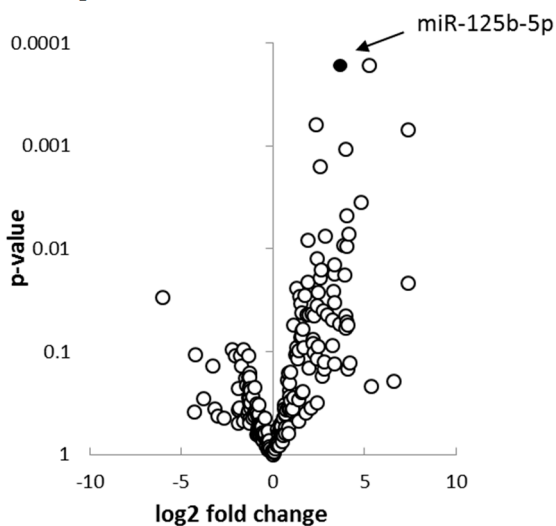
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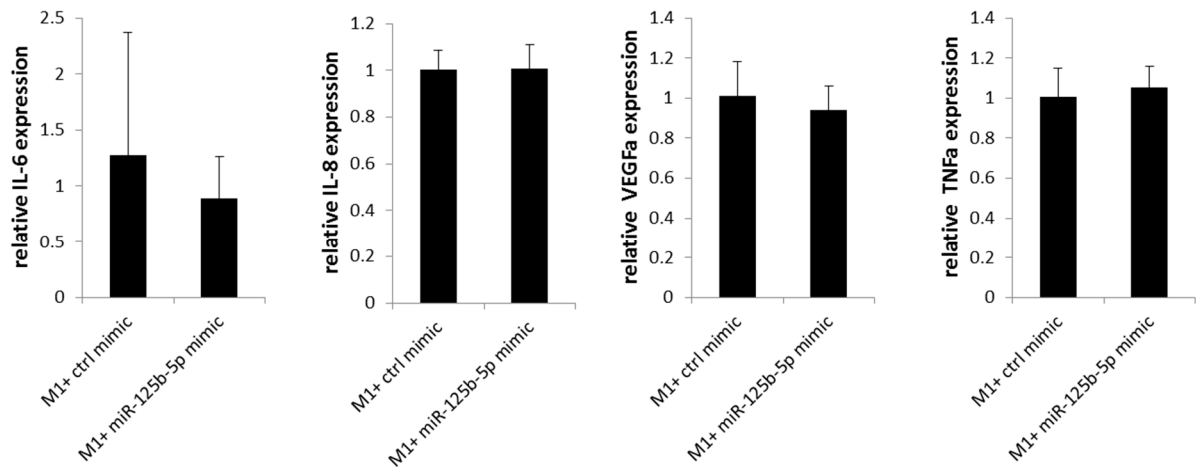
C



**Supplementary Figure 1. Induction of macrophages gene expression by melanoma derived exosomes.** (A) Heatmap shows gene expression profile of M1 and M2 polarized THP-1 cell derived macrophages in comparison to M1 macrophages treated with exosomes of 3 different melanoma cell lines (MV3, WM35, Wm902B). Heatmap represents the log<sub>2</sub> fold change of qRT-PCR analyses. qRT-PCR analyses for IL-1 $\beta$ , IL-6, IL-8, VEGFa, TNF $\alpha$  and CCL1 in M1 macrophages. (B) M1 macrophages were treated with 25  $\mu$ g/ml MV3 derived exosomes for the indicated time. (C) M1 macrophages were treated with indicated concentrations of MV3 derived exosomes ( $\mu$ g/ml) for 12h. Bars represent the mean  $\pm$  standard deviation of at least three independent experiments.



**Supplementary Figure 2. miR-125b-5p expression is increased in melanoma cells.** Volcano plot shows miRNA enrichment of miR-125b-5p in melanoma cell lines compared (WM9, WM35, WM902B) to NHEMs.



**Supplementary Figure 3. IL-6, IL-8, VEGFa and TNFa expression is not induced by miR-125b-5p overexpression.** qRT-PCR analysis for the expression of IL-6, IL-8, VEGFa and TNFa in M1 macrophages transfected with control mimics or miR-125b-5p mimics (48h). Bars represent the mean  $\pm$  standard deviation of at least three independent experiments.