

Table S1. Gene expression profile in differentiated macrophage subtypes. M0 macrophages treated with LPS and IFN γ showed the overexpression of the M1 markers; M0 macrophages treated with IL-4 showed the overexpression of the M2 markers.

| Gene | LPS + IFN γ | | IL4 | |
|--------|--------------------|----------------|--------------|----------------|
| | Fold change | <i>p</i> value | Fold change | <i>p</i> value |
| CCL5 | 53.28 | 0.010 | 1.14 | 0.226 |
| CXCL10 | 18.03 | 0.017 | 0.27 | 0.028 |
| IDO1 | 14.54 | 0.020 | 0.31 | 0.008 |
| CD23 | 1.45 | 0.246 | 40.66 | 0.006 |
| MRC1 | 0.29 | 0.020 | 25.50 | 0.002 |
| CCL22 | 1.48 | 0.078 | 73.71 | 0.008 |

In bold significant change in gene expression level
 Significantly up-regulated gene: fold change ≥ 2 (*p* value ≤ 0.05)
 Significantly down-regulated gene: fold change ≤ 0.5 (*p* value ≤ 0.05)