Fig. S1 Identification of M2 macrophages and the M2Φ-Exos. (A) Morphologic analysis of BMDMs under a microscope. (B) Expression of macrophage surface biomarkers CD11b and F4/80 determined by flow cytometry. (C) Morphologic analysis of BMDMs after IL-4 induction under a microscope. (D) M2 macrophage surface biomarkers CD206 determined by flow cytometry. (E) Shape of the particles evaluated under a TEM. (F) Particle size analyzed by nanoanalysis. (G) Expression of exosome marker proteins CD9, CD63 and TSG101 as well as cell marker protein Calnexin determined by Western Blot.
### Table 1. List of primers

| Gene      | Primer sequence (5’-3’) |
|-----------|------------------------|
| Fibronectin | F:ATGTGGACCCCTCCTTGATAGT   |
|           | R: GCCCAGTGATTTGAGCAAAGG   |
| Vimentin  | F:GCTGGAGAGAATTGCGAGG   |
|           | R: CCACCTTCTGTTCAAGGGAAGG |
| FGF1      | F: GGGGAGATCACAACCTTCGC   |
|           | R: GTCCCTGTCCCATCCACG    |
| GAPDH     | F: AGGTGCTGGTGAGAACGGATTTG |
|           | R: GGCTGCCTTTGATGGGGAAACA |
| miR-370   | F: CTGCTGGGCTGGAACCT     |
|           | R: GAACATGTCTGCGTATCTC   |
| U6        | F: GTCTCCCTGACTTCAACAGCG |
|           | R: ACCACCCCTGGTGGTAGCCAA  |