

Supplemental Figure 1

The zeta-potential distributions of the SWCNT, s-MWCNT and l-MWCNT liquid (40 µg CNTs in 50 µl of PBS).

Supplemental Figure 2

The silence efficiency of C/EBPβ siRNA1, C/EBPβ siRNA2 and C/EBPβ siRNA3. Primary AMs of mice were treated with C/EBPβ siRNA1-3 for 6 h, then AMs were collected for subsequent assay. (A) C/EBPβ mRNA expression was detected by RT-qPCR (n=3). (B) C/EBPβ protein expression was detected by Western Blotting (n=3). Data are expressed as the means ± SEM. **P*<0.05 vs CTRL group.

Supplemental Figure 3

IL-4 NA reduced SWCNT-upregulated IL-4 content in BALF of mice. Mice were exposed to 40 µg SWCNT by intratracheal instillation, then injected intraperitoneally with 1 mg IL-4 NA (1 mg IgG as vehicle) on days 7, 14 and 21 after SWCNT instillation. IL-4 content in BALF was detected by ELISA on day 28 (n=4). Data are expressed as the means ± SEM. **P*<0.05 vs CTRL group. #*P*<0.05 vs SWCNT. group.