supplementary materials

MicroRNAs as a Suitable Biomarker to Detect the Effects of Long-Term Exposures to Nanomaterials. Studies on TiO_2NP and MWCNT

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Supplementary figures

Figure S1. MicroRNA expression changes of BEAS-2B cells exposed to the lowest concentration of TiO_2NPs. (A) Deregulated microRNAs at week 3 (1 + 2) and week 6 (4 + 2) after the exposure to TiO_2NPs. Data are plotted as mean, and error bars represent the SEM. (B) Venn diagram showing the number of microRNAs significantly deregulated at week 3 (1 + 2) and week 6 (4 + 2) of the exposure. The overlapping area indicates the number of microRNAs commonly deregulated at both exposure times. Overexpressed microRNAs are in bold and underlined. Results were analyzed with the Student's *t*-test ($P < 0.05$).

Figure S2. MicroRNA expression changes of BEAS-2B cells exposed to the lowest concentration of MWCNTs. (A) Deregulated microRNAs at week 3 (1 + 2) and week 6 (4 + 2) after the exposure to MWCNTs. Data are plotted as mean, and error bars represent the SEM. (B) Venn diagram showing the number of microRNAs significantly deregulated at week 3 (1 + 2) and week 6 (4 + 2) of the exposure. The overlapping area indicates the number of microRNAs commonly deregulated at both exposure times. Overexpressed microRNAs are in bold and underlined. Results were analyzed with the Student's *t*-test ($P < 0.05$).

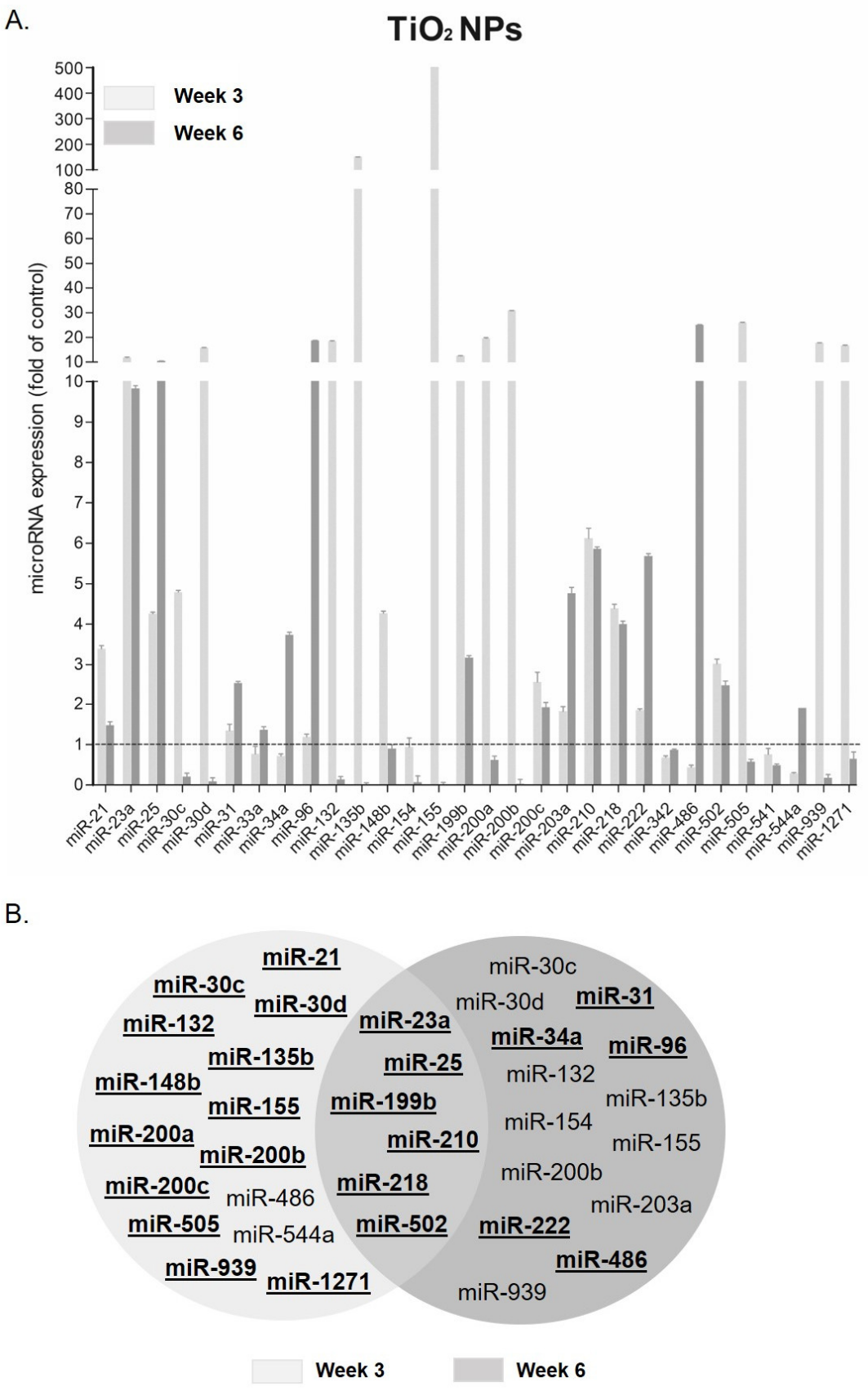
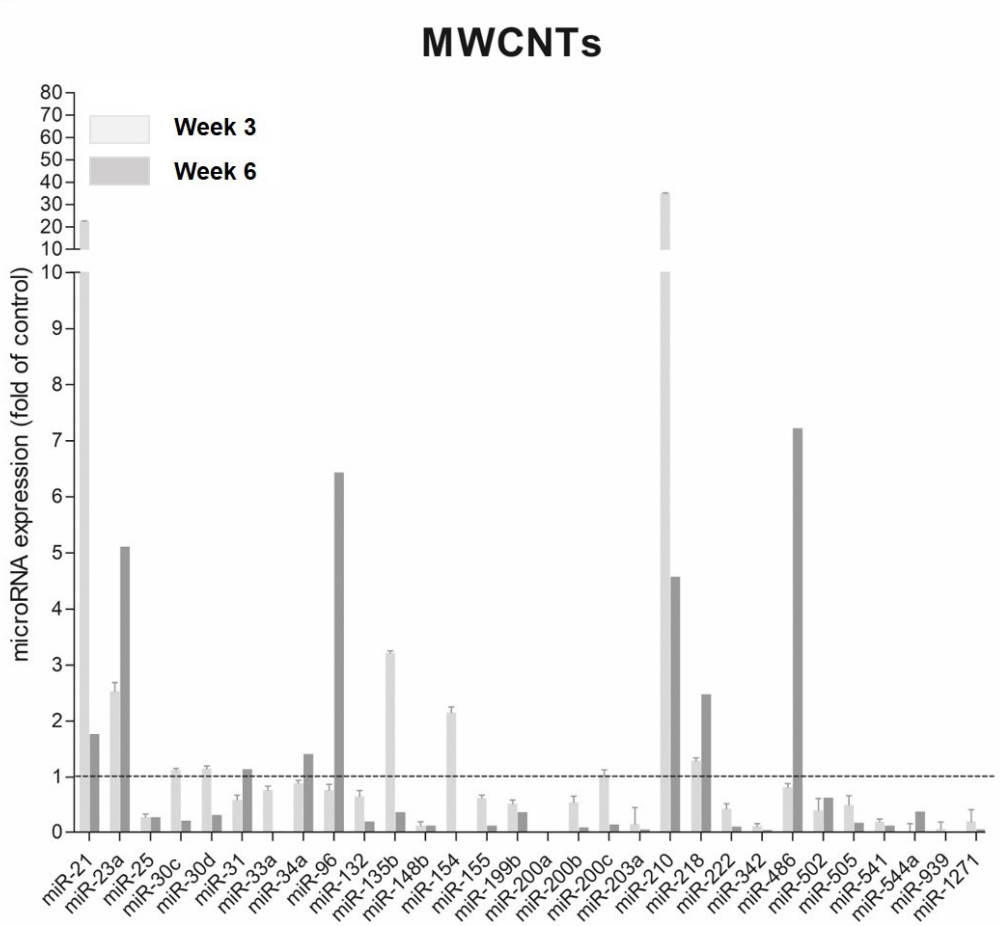


Figure S1: MicroRNA expression changes of BEAS-2B cells exposed to the lowest concentration of TiO_2NPs.

A.



B.

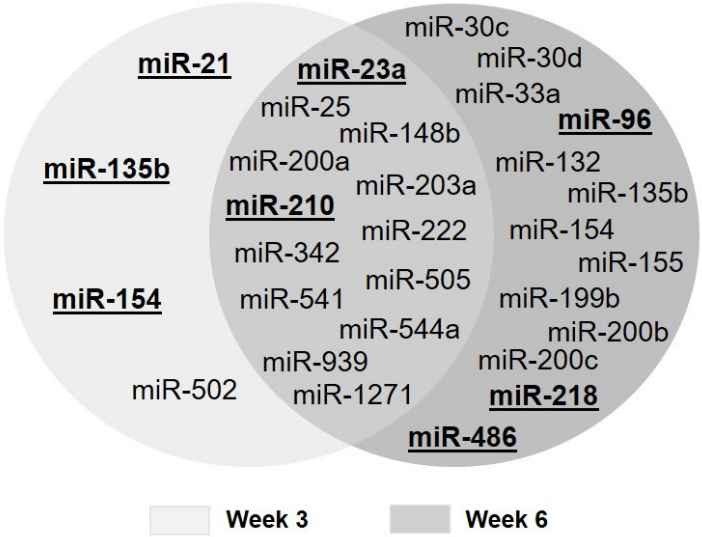


Figure S2: MicroRNA expression changes of BEAS-2B cells exposed to the lowest concentration of MWCNTs.