

Fig. S1 Kaplan-Meier survival curves.

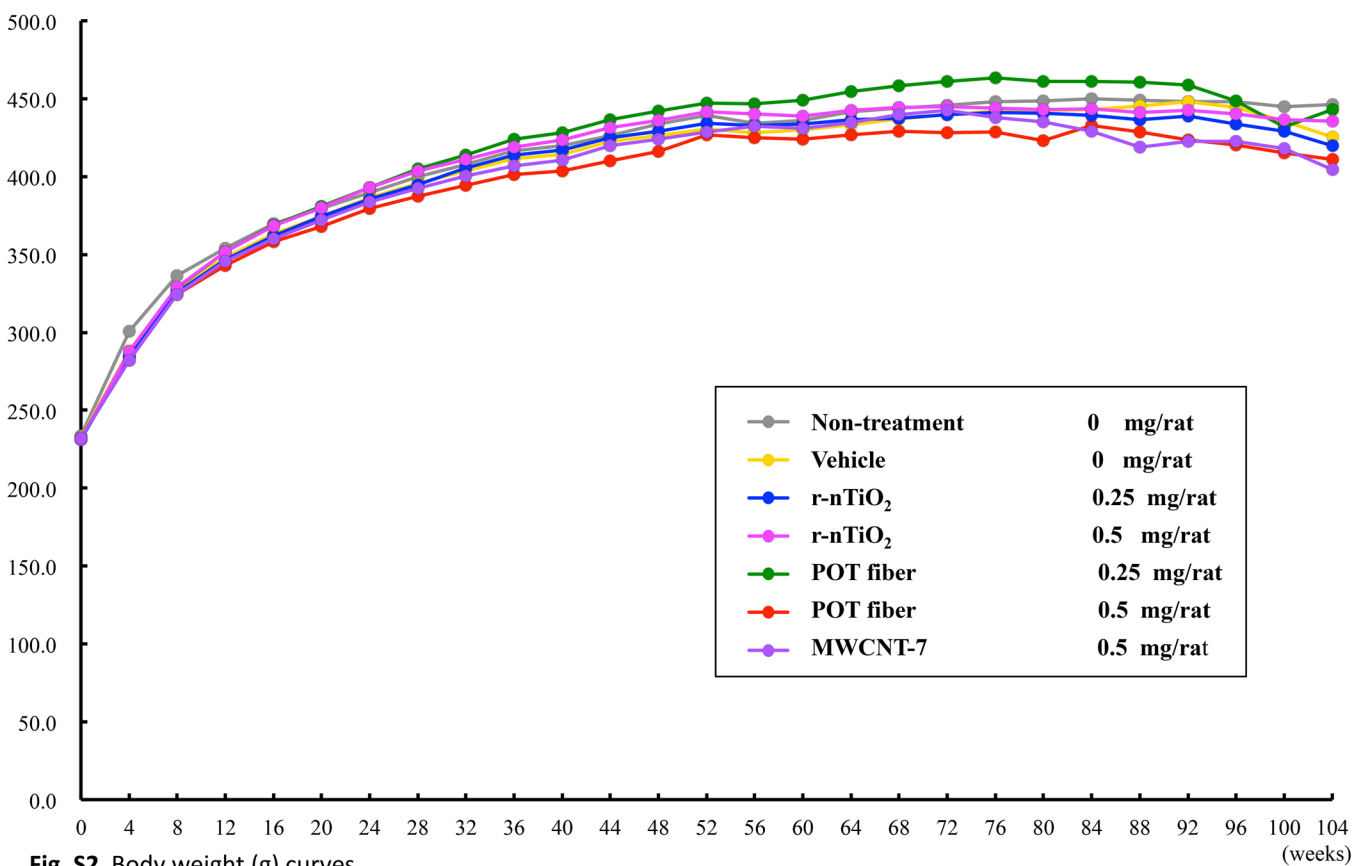


Fig. S2 Body weight (g) curves.

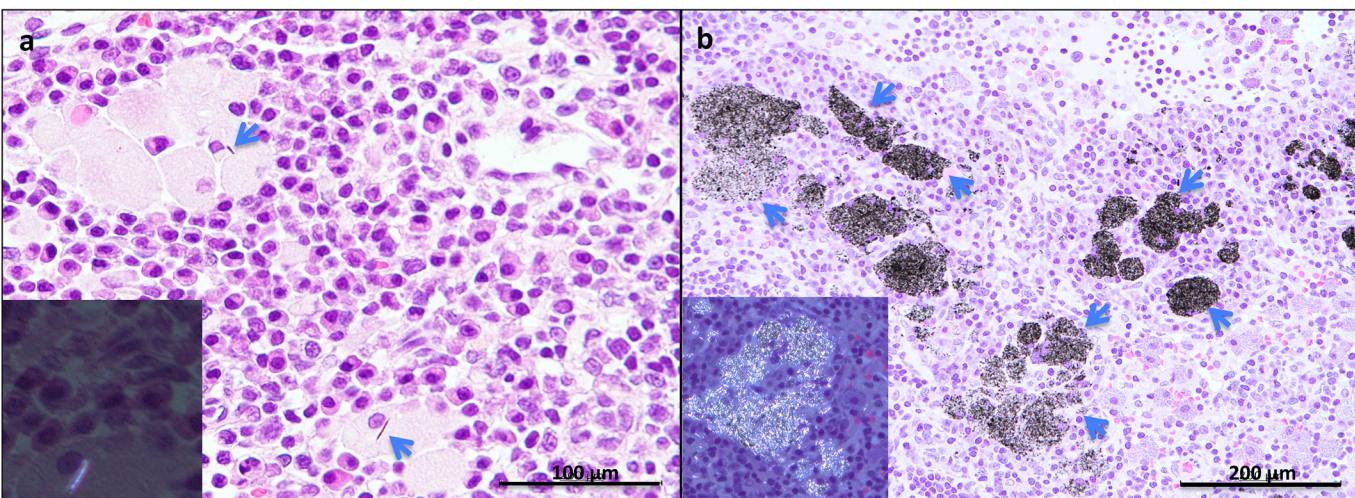


Fig. S3 Mediastinal lymph nodes of rats treated with POT fibers (a) and MWCNT-7 (b).

Figure S1. Kaplan-Meier survival plots of untreated and vehicle control rats and rats treated with 0.25 mg r-nTiO₂, 0.50 mg r-nTiO₂, 0.25 mg POT fibers, 0.50 mg POT fibers, and 0.50 mg MWCNT-7. The MWCNT-7 treated rats had a significant reduction in survival rate (40%) compared to the vehicle control group ($p < 0.05$).

Figure S2. Body weight curves of untreated and vehicle control rats and rats treated with 0.25 mg r-nTiO₂, 0.50 mg r-nTiO₂, 0.25 mg POT fibers, 0.50 mg POT fibers, and 0.50 mg MWCNT-7. There was no growth retardation in the rats administered r-nTiO₂, POT fibers, or 0.50 MWCNT-7 compared to the vehicle control group.

Figure S3. Mediastinal lymph nodes of rats treated with POT fibers (a) and MWCNT-7 (b). The amount of fibers (blue arrows) translocated into the mediastinal lymph nodes in MWCNT-7 treated rats was obviously higher than in the POT fiber treated rats. Insert, polarized light microscopic image.