

Figure S1

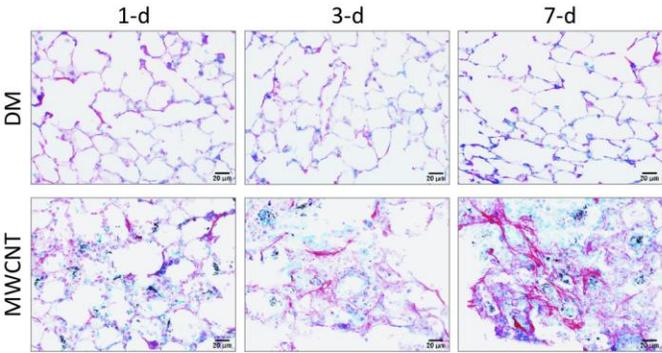


Figure S2

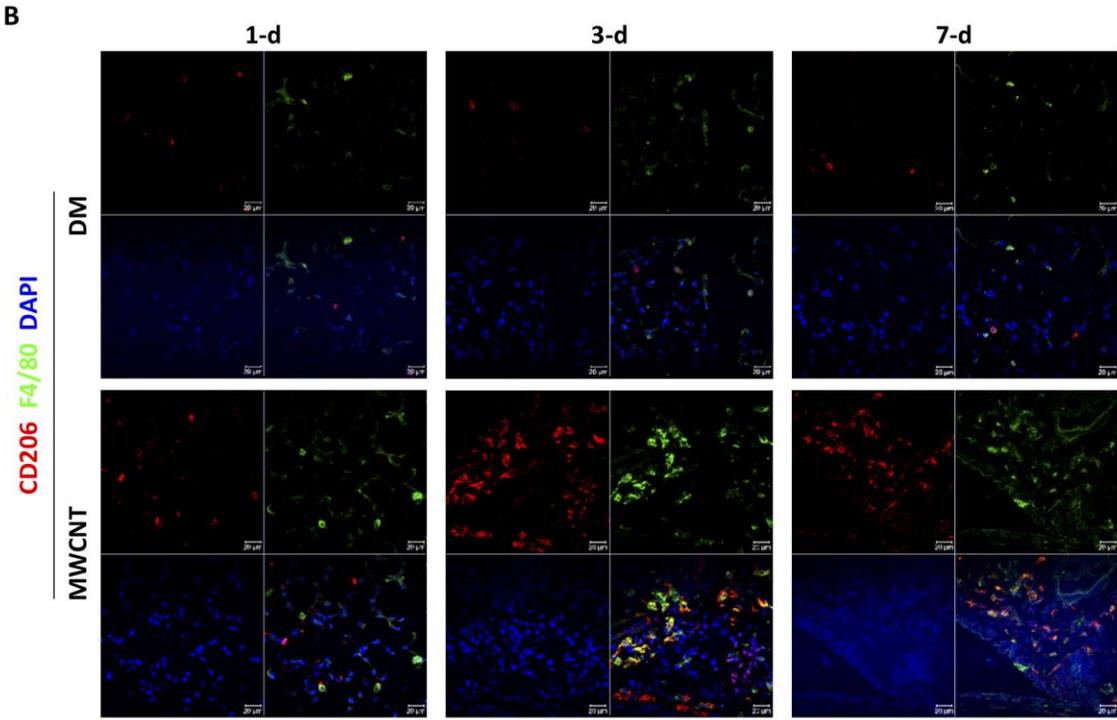
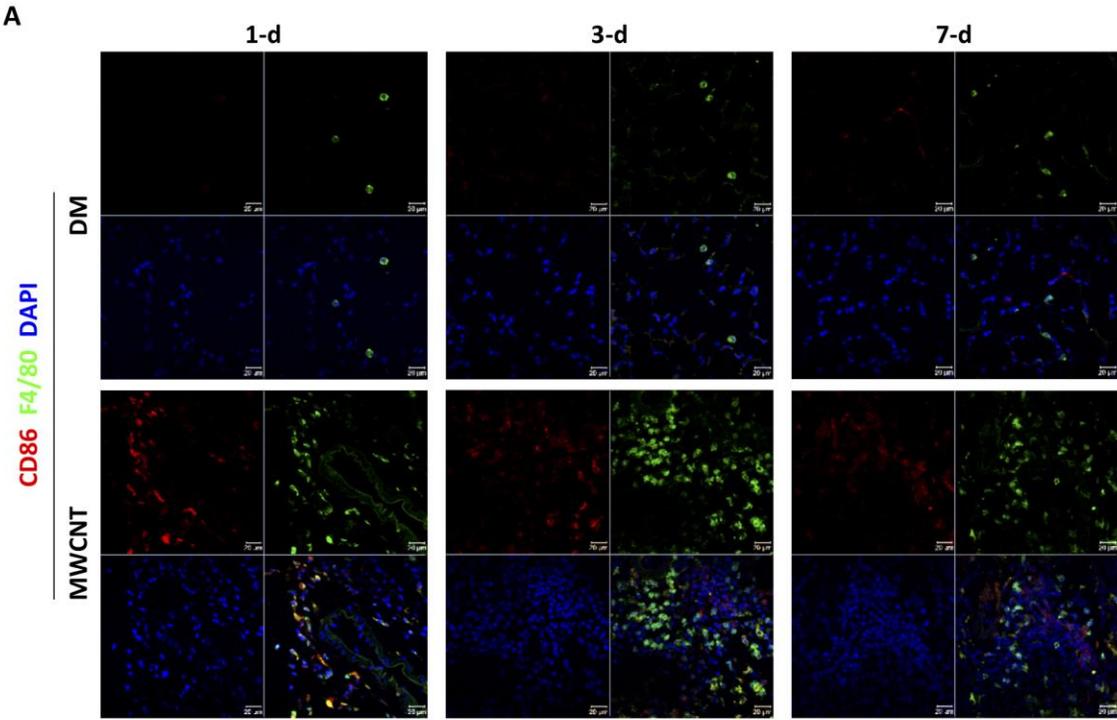
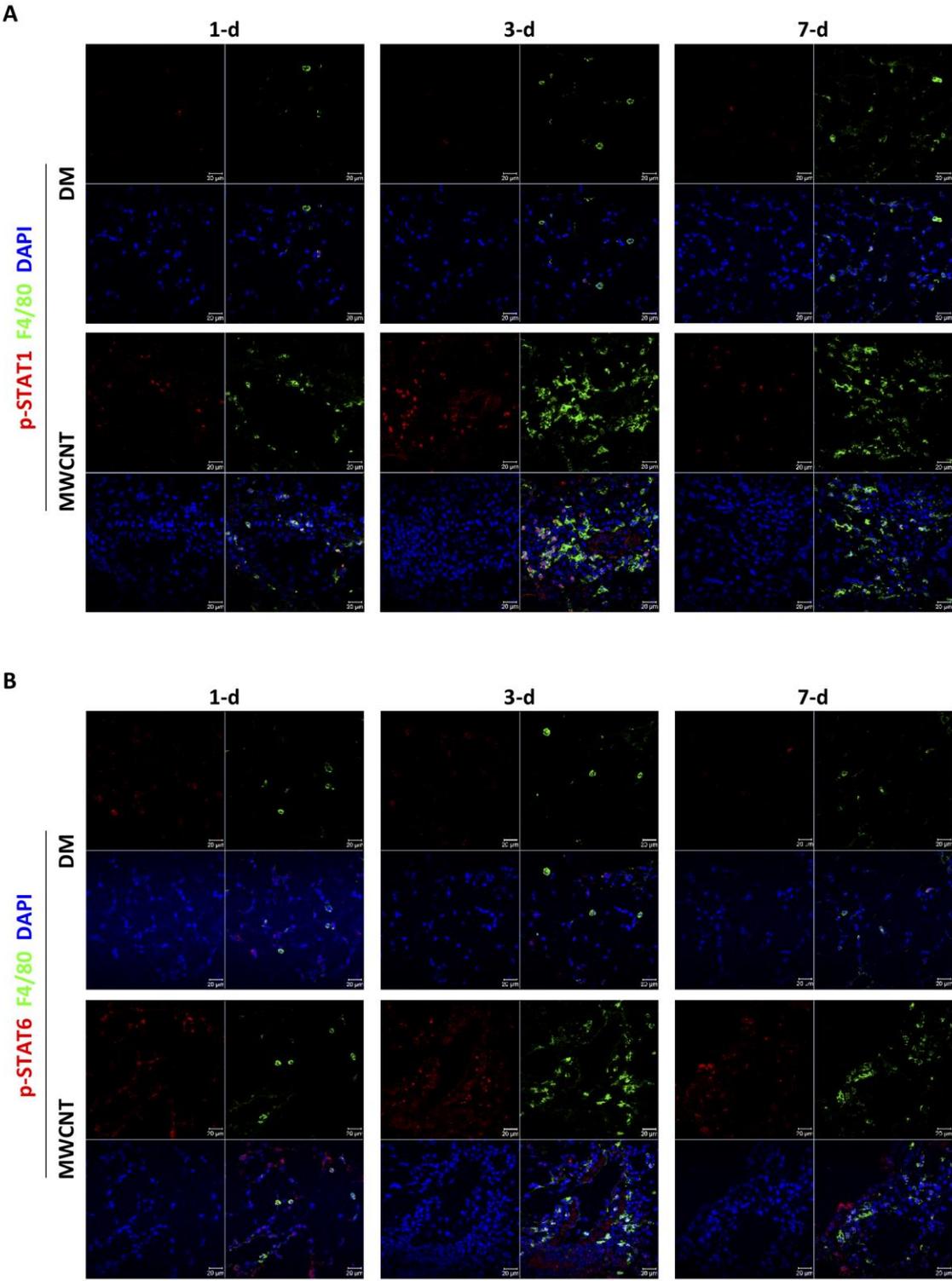


Figure S4



Supplemental figure legends

Figure S1. Time-dependent induction of lung fibrosis. WT mice received DM or MWCNTs (40 µg per mouse) and were sacrificed on day 1, 3, or 7 post-exposure. Fibrillar collagens were detected by Sirius Red/Fast Green staining on lung tissue sections, with collagen fibers stained red and non-collagenous proteins green (scale bar: 20 µm).

Figure S2. Single and merged fluorescent images for MWCNT-induced M1-M2 macrophage polarization presented in Figures 2B and 2C. (A) Expression and co-localization of CD86 (red) and F4/80 (green) in the lungs. (B) Expression and co-localization of CD206 (red) and F4/80 (green) in the lungs. Scale bar: 20 µm.

Figure S3. Single and merged fluorescent images for MWCNT-induced activation of M1 and M2 macrophages presented in Figures 3B and 3C. (A) Expression and co-localization of iNOS (red) and F4/80 (green) in the lungs. (B) Expression and co-localization of ARG1 (red) and F4/80 (green) in the lungs. Scale bar: 20 µm.

Figure S4. Single and merged fluorescent images for MWCNT-induced activation of STAT signaling presented in Figures 5B and 5C. (A) Levels and co-localization of p-STAT1 (red) and F4/80 (green) in the lungs. (B) Levels and co-localization of p-STAT6 (red) and F4/80 (green) in the lungs. Scale bar: 20 µm.