

MWCNT



Lysosomal Damage
ROS Production
NF-kB Phosphorylation



NLRP3 Inflammasome
Activation



siRNA NLRP3

Pro-Fibrotic Phenotype

↑ TIMP-1, ↑ Tenascin-C
↑ Pro-Collagen-1, ↑ OPN)

Caspase-1 Activation



Pyroptosis
IL-1 β , IL-18

Conditioned Media



Fibroblast