

Figure S1. Effect of curcumin on the viability of BEAS-2B cells. (A) Cell viability was analyzed by CCK-8 assay. (B) Cell apoptosis was assessed by Hoechst33258 staining.

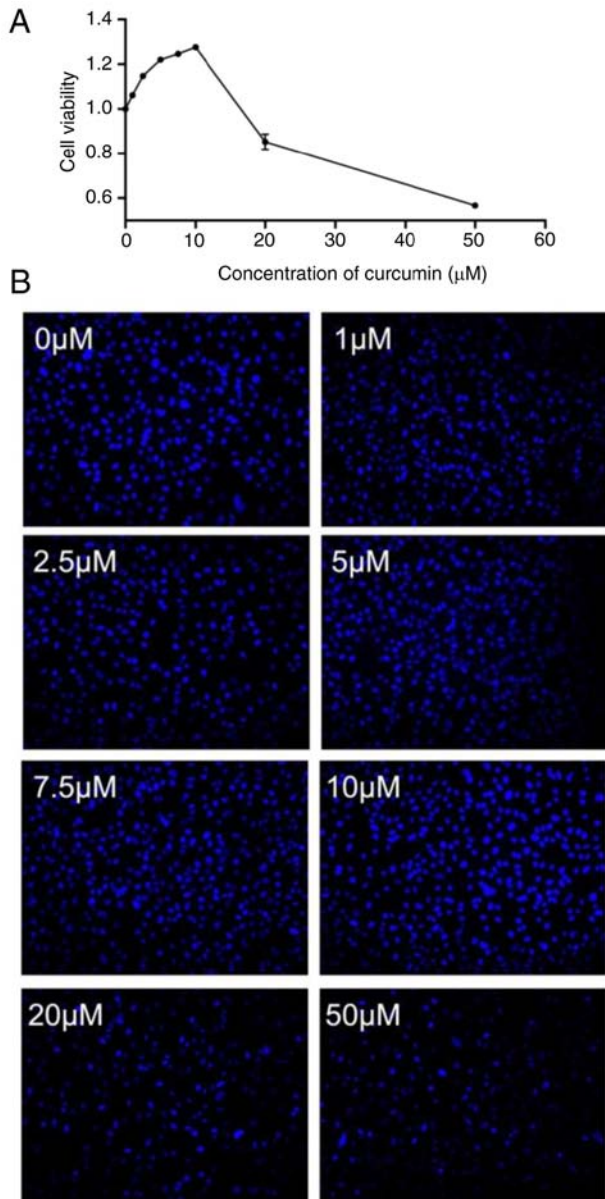


Figure S2. Effect of PM_{2.5} on the production and expression of inflammatory factors. The production and mRNA expression of IFN- γ , IL-6, IL-9, TNF- α and VEGF-A were assessed by (A) ELISA and (B) RT-qPCR. Data are presented as the means \pm SD; n=3, *P<0.05 and **P<0.01 compared with the control (0 mg/ml). PM_{2.5}, fine particulate matter; IL, interleukin; IFN- γ , interferon γ ; TNF- α , tumor necrosis factor α ; VEGF, vascular endothelial growth factor.

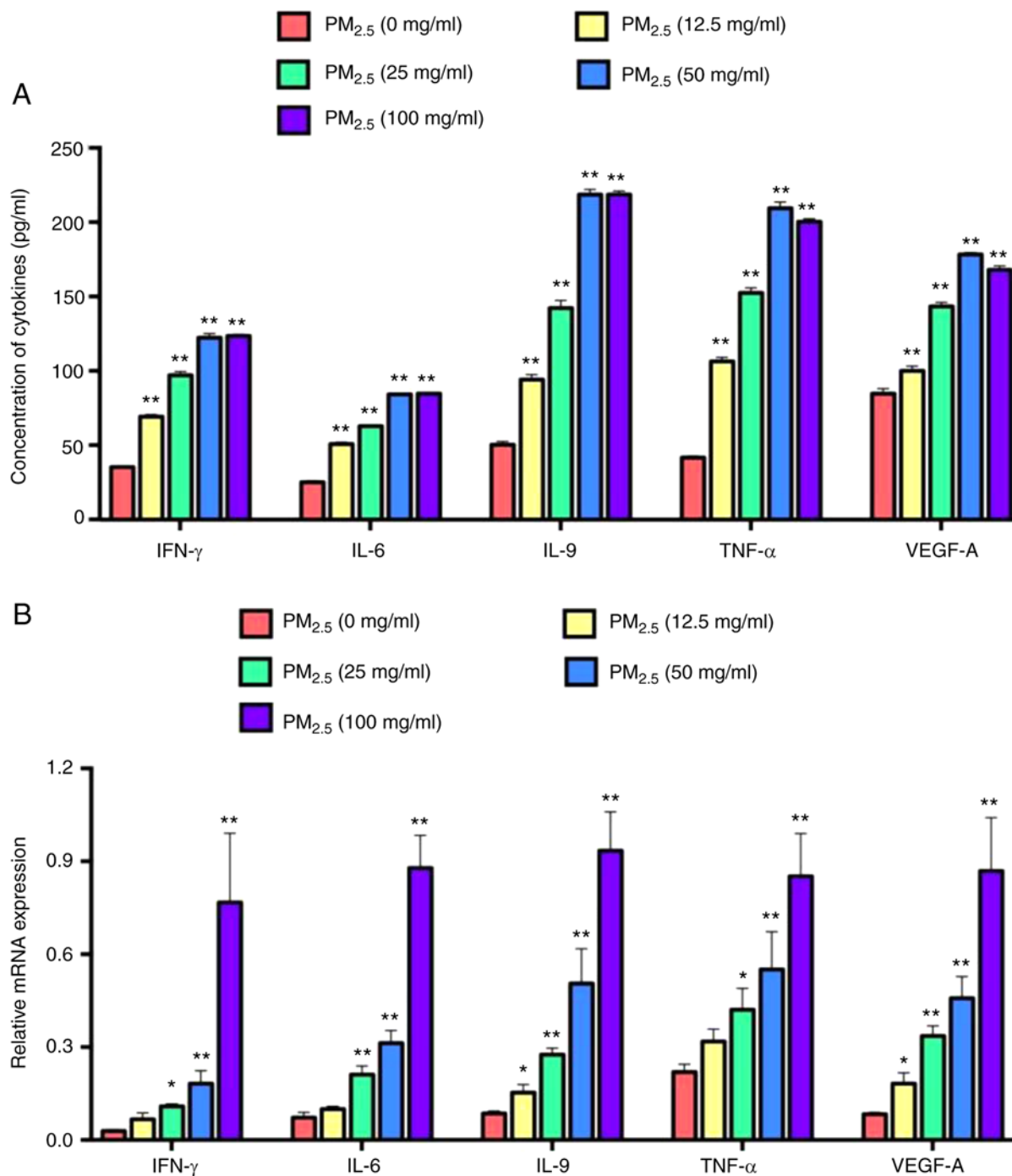


Figure S3. Effect of curcumin on the production and expression of inflammatory factors in PM_{2.5}-exposed cells. The production and mRNA expression of IFN- γ , IL-6, IL-9, TNF- α and VEGF-A were assessed by (A) ELISA and (B) RT-qPCR. Data are presented as the means \pm SD; n=3, *P<0.05, **P<0.01 and ***P<0.001 compared with the control. PM_{2.5}, fine particulate matter; IL, interleukin; IFN- γ , interferon γ ; TNF- α , tumor necrosis factor α ; VEGF, vascular endothelial growth factor.

