

Supplementary Table S1. Primers used for real-time quantitative PCR.

| Genes | | Sequences (5'-3') |
|----------------|----|--------------------------|
| Hu_MPO | F: | AGCAGGACAAATACCGCACCA |
| | R: | AGAGAAGCCGTCCTCATACTCC |
| Hu_ELANE | F: | TGCGCCCAACTTCGTCATGTCG |
| | R: | CGTAGCCGTTTTCGAAGATGCG |
| Hu_DANSE1 | F: | CCAGACACCTATCACTACGTGG |
| | R: | CTCTCGGTTGAAGGTGTCGTTC |
| Hu_PADI4 | F: | GCACAACATGGACTTCTACGTGG |
| | R: | CACGCTGTCTTGGAACACCACA |
| Hu_IL1 β | F: | CCACAGACCTTCCAGGAGAATG |
| | R: | GTGCAGTTCAGTGATCGTACAGG |
| Hu_CXCR1 | F: | TCCTTTTCCGCCAGGCTTACCA |
| | R: | GGCACGATGAAGCCAAAGGTGT |
| Hu_CXCR2 | F: | TCCGTCACTGATGTCTACCTGC |
| | R: | TCCTTCAGGAGTGAGACCACCT |
| Hu_CXCR4 | F: | CTCCTCTTTGTCATCACGCTTCC |
| | R: | TCCTTCAGGAGTGAGACCACCT |
| Hu_HMGB1 | F: | GGATGAGGACACTGCTGTAGAG |
| | R: | GTCCTTGAAGTTCTTTTTGGTCTC |
| Hu_RUNX1 | F: | CCACCTACCACAGAGCCATCAA |
| | R: | TTCACTGAGCCGCTCGGAAAAG |
| Hu_KLF6 | F: | AACCAGGCACTCCGAAAGCAC |
| | R: | CTCAGAGGTGCCTCTTCATGTG |
| Hu_ITGAL | F: | CTGCTTTTGCCAGCCTCTCTGT |
| | R: | GCTCACAGGTATCTGGCTATGG |
| Hu_CX3CR1 | F: | CACAAAGGAGCAGGCATGGAAG |
| | R: | CAGGTTCTCTGTAGACACAAGGC |

Supplementary Figure S1

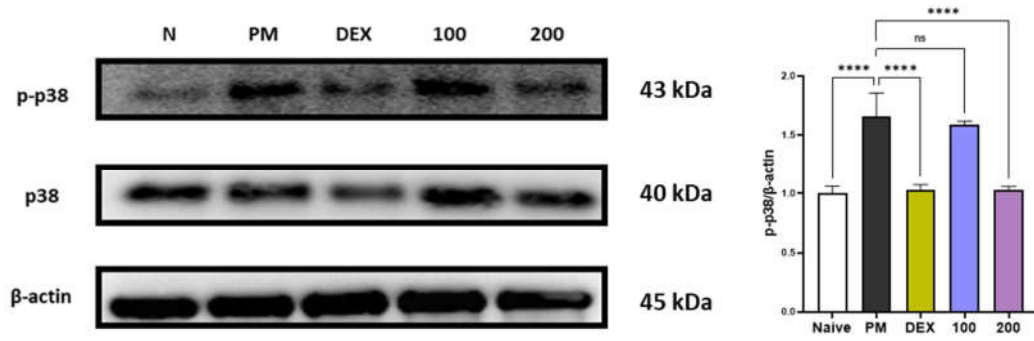


Figure S1. Effect of AGE on phosphorylation of p38 in the lung tissues. Protein expression levels of p-p38, p38, and β -actin. Data were analyzed using one-way ANOVA, followed by Dunnett's test. All values have been reported as mean \pm SD. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$.