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MDPI

# Supplementary Materials

# Pirfenidone Inhibits Alveolar Bone Loss in Ligature-Induced Periodontitis by Suppressing the NF-κB Signaling Pathway in Mice

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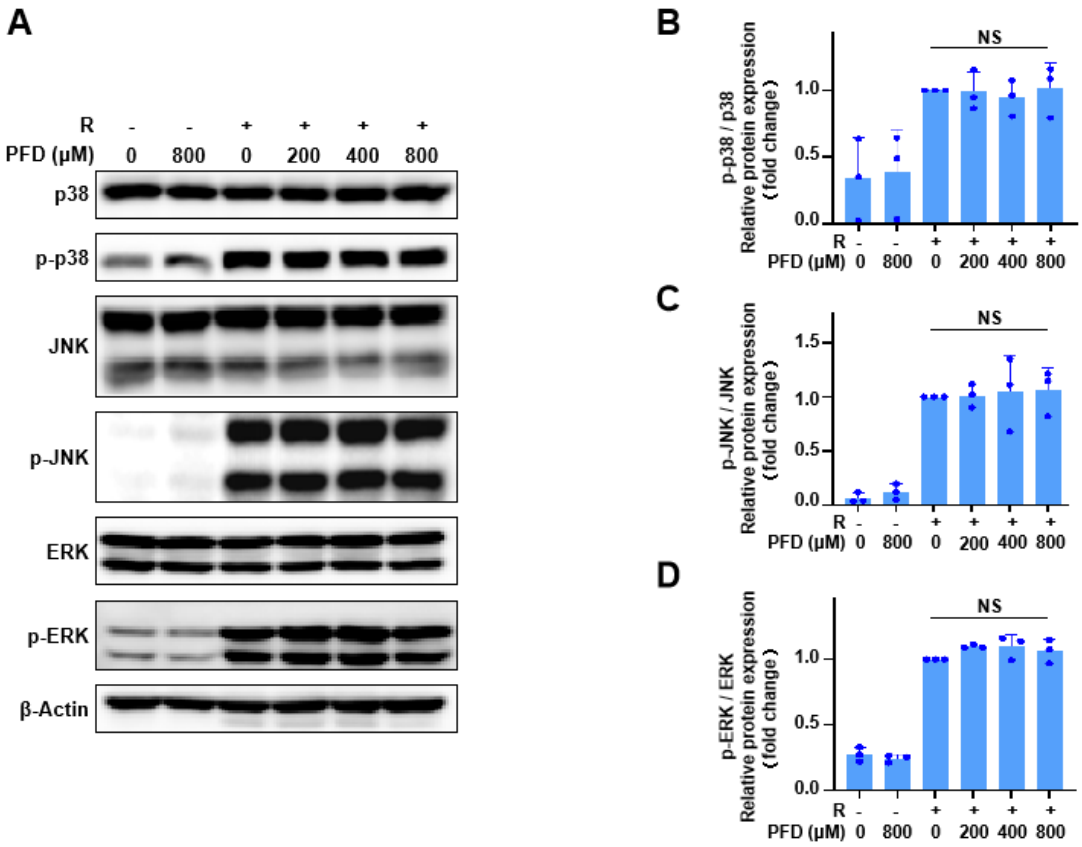

**Figure S1.** PFD has no effect on RANKL-induced MAPK pathway in BMMs. BMMs were cultured with or without PFD in GM containing M-CSF (30 ng/ml) and RANKL (100ng/ml) for 15 minutes. (**A**) Western blot analysis. (**B-D**) Quantitative densitometric analysis of (A). Pirfenidone, PFD. R, RANKL. All data represent the mean ± SD. NS, non-significant compared with the RANKL group. n = 3.

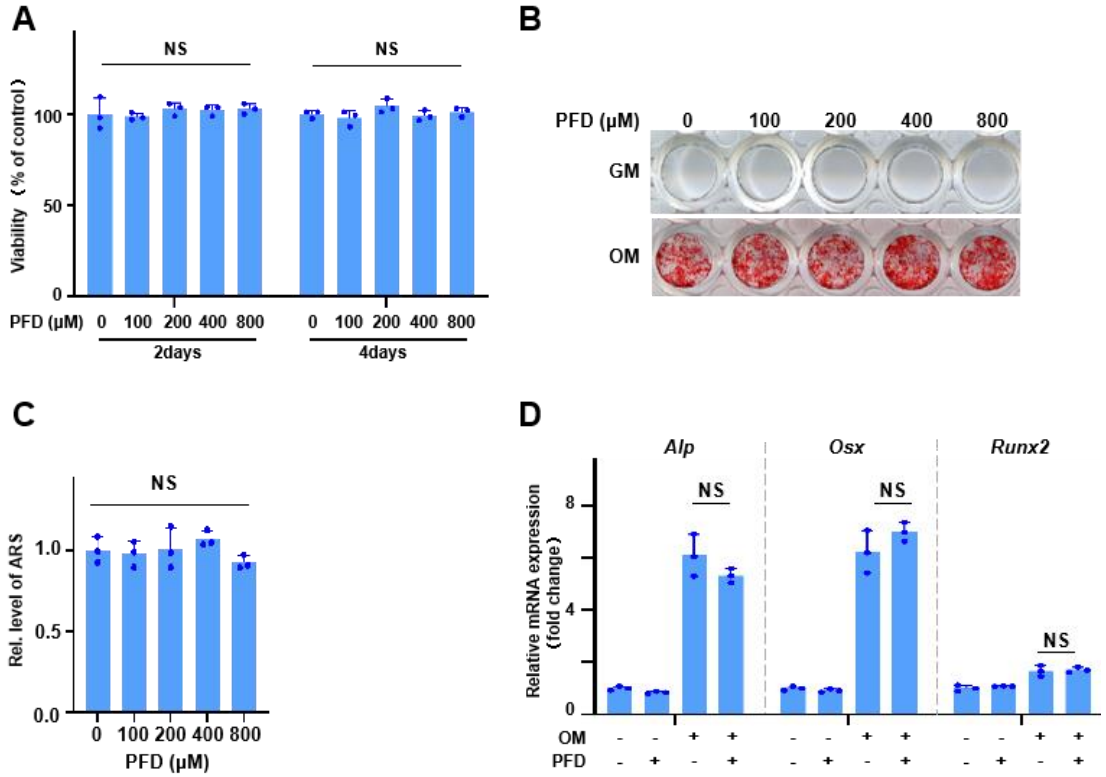


**Figure S2.** PFD has no effect on BMP2-induced osteoblast differentiation in BMSCs. (**A**) MTT assay. (**B**) Alizarin red stain (14 days). (**C**) The quantitative analysis of ARS staining (B). (**D**) Real-time PCR (10 days). Pirfenidone, PFD. GM, growth medium; OM, osteogenic medium. All data represent the mean ± SD. NS, non-significant. n = 3.