**Supplementary Information**

**Supplementary Figure 1**

![Western Blot Images](image)

**Fig. S1** Uncropped western blot images of Figure 5. GO: graphene oxide; SP600125: JNK inhibitor.

**Supplementary Figure 2**

![Alizarin Red Staining Images](image)

**Fig. S2** Uncropped alizarin red staining images of Figure 4 and Figure 6. GO: graphene oxide; SP600125: JNK inhibitor.