Journal of
Clinical Medicine

MDPI

Supplementary material

Inhibition of MLKL attenuates necroptotic cell death in a murine cell model of ischaemia injury

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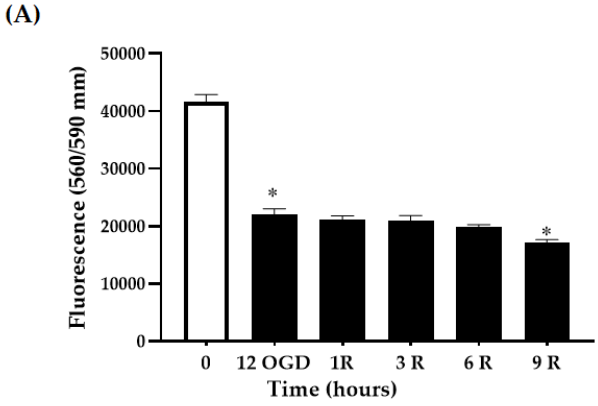

Figure S1. (A) Reoxygenation of AML-12 cells after 12 h of OGD exposure. Cell viability was assessed by fluorometric quantitation at 1, 3, 6 and 9 h of reoxygenation. *p< 0.0001.

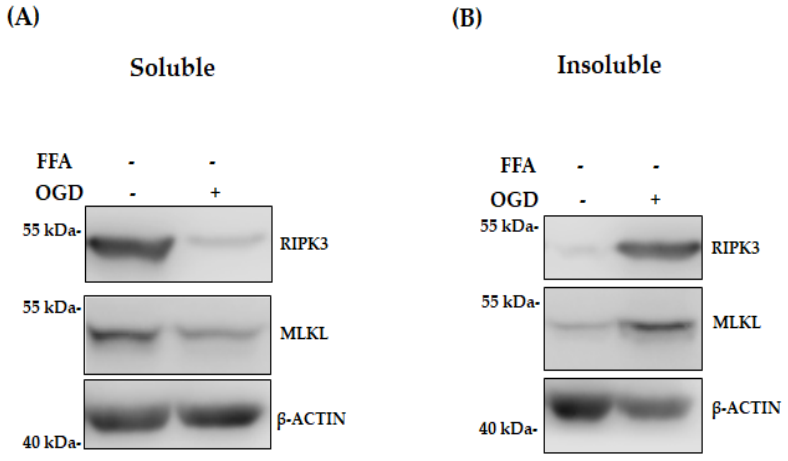

Figure S2. Expression of necroptotic proteins in OGD exposed cells. Relative protein expression in control cells and OGD cells were detected by western blot analysis; using antibodies against RIPK3 and MLKL. β-ACTIN was used as the loading control. A) Soluble protein B) Insoluble protein. B-ACTIN was used as the loading control.

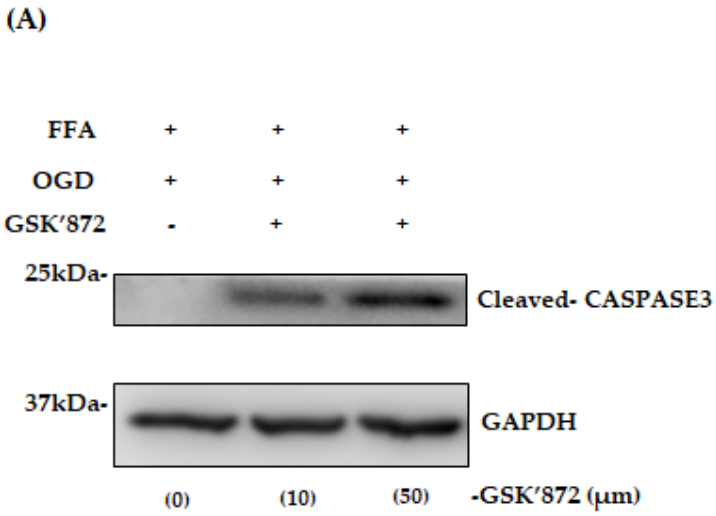

Figure S3. GSK'872 treatment of AML12 cells after FFA+OGD treatment. A) Relative protein expression of cleaved+CASPASE3 in FFA+OGD cells and FFA+OGD+GSK'872 treated cells were detected by western blot analysis; upper panel cleaved-CASPASE3, lower panel GAPDH. GAPDH was used as the loading control. Western blot results were quantitated using Image Studio Lite Verison 5.2.