



Article

Anti-Inflammatory Effect of Sulforaphane on LPS-Activated Microglia Potentially through JNK/AP-1/NF-κB Inhibition and Nrf2/HO-1 Activation

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Supplementary Figure S1.

RAW 264.7 and THP-1cells were pre-treated with SFN 30 min before LPS activation and incubated for 24 h to check the production of nitrite and cell viability, 6 h for the expression of iNOS/COX-2 and 30 min LPS activation for the evaluation of MAPK signaling proteins. (A-B) Nitrite production and cell viability in RAW 264.7 cell. (C-E) expression of iNOS/COX-2 and MAPK proteins in RAW 264.7 cell. (F-G) Nitrite production and cell viability in THP-1 cell. (C-E) expression of iNOS/COX-2 and MAPK proteins in THP-1 cell. All data are presented as the mean \pm standard error of the mean of three independent experiments. * p < 0.05, ** p < 0.01, and *** p < 0.001 indicate significant differences compared with treatment with LPS alone, while # p < 0.05, ### p < 0.001 indicates significant differences compared with an untreated control group.

