Supplementary Information

Neuroprotective effect of Bcl-2 on lipopolysaccharide-induced neuroinflammation in cortical neural stem cells

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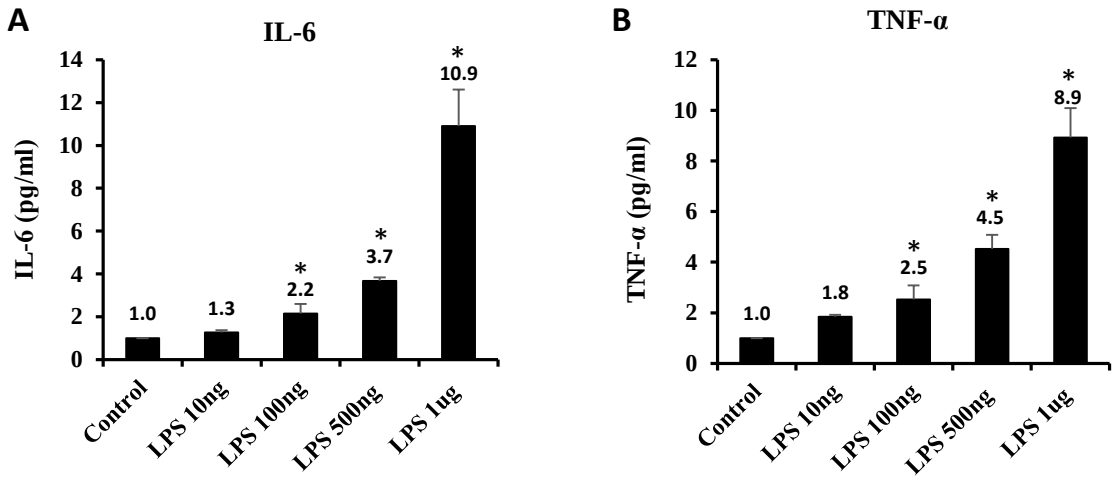
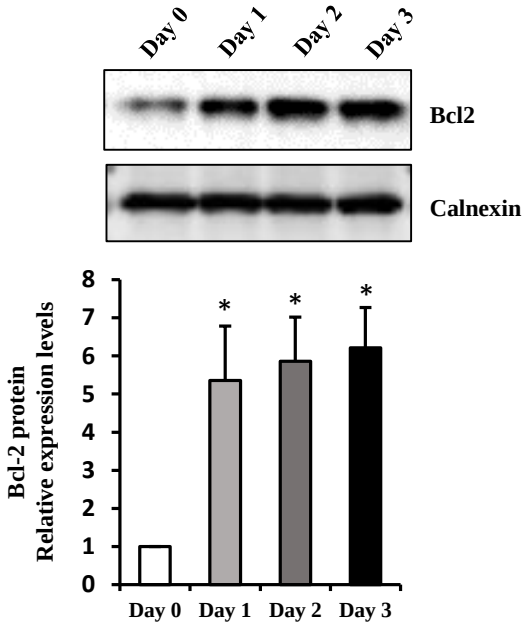
Supplementary Figure S1



Supplementary Figure S1. Pro-inflammatory cytokine production in LPS-treated NSCs. (A and B) NSCs were treated with LPS at 10 ng, 100 ng, 500 ng, or 1 μg/mL for 12 h in the absence of bFGF. The mRNA levels of *IL-6* and *TNF-α* were analyzed by real-time RT-PCR; $n = 3$. Data are shown as mean ± SD. * $p < 0.05$ compared with control, for *IL-6* and *TNF-α* respectively. Statistical significances were assessed by one-way ANOVA with a post hoc Tukey's test.

Supplementary Figure S2



Supplementary Figure S2. Bcl-2 expression during neuronal differentiation in NSCs. NSCs were differentiated for 1, 2 or 3 days in the absence of bFGF, respectively. Western blotting was performed using anti-Bcl-2 or anti-calnexin antibodies to detect the respective protein bands (upper panel). Band intensity (graph) was quantified with Quantity Ones® software. Data are shown as mean ± SD. * $p < 0.05$ compared with Day 0. Statistical significances were assessed by one-way ANOVA with a post hoc Tukey's test.