

Supplementary material

TITLE: Therapeutic effect of the mitochondria-targeted antioxidant SkQ1 on the culture model of multiple sclerosis

RUNNING TITLE: Antioxidant protective effect in multiple sclerosis

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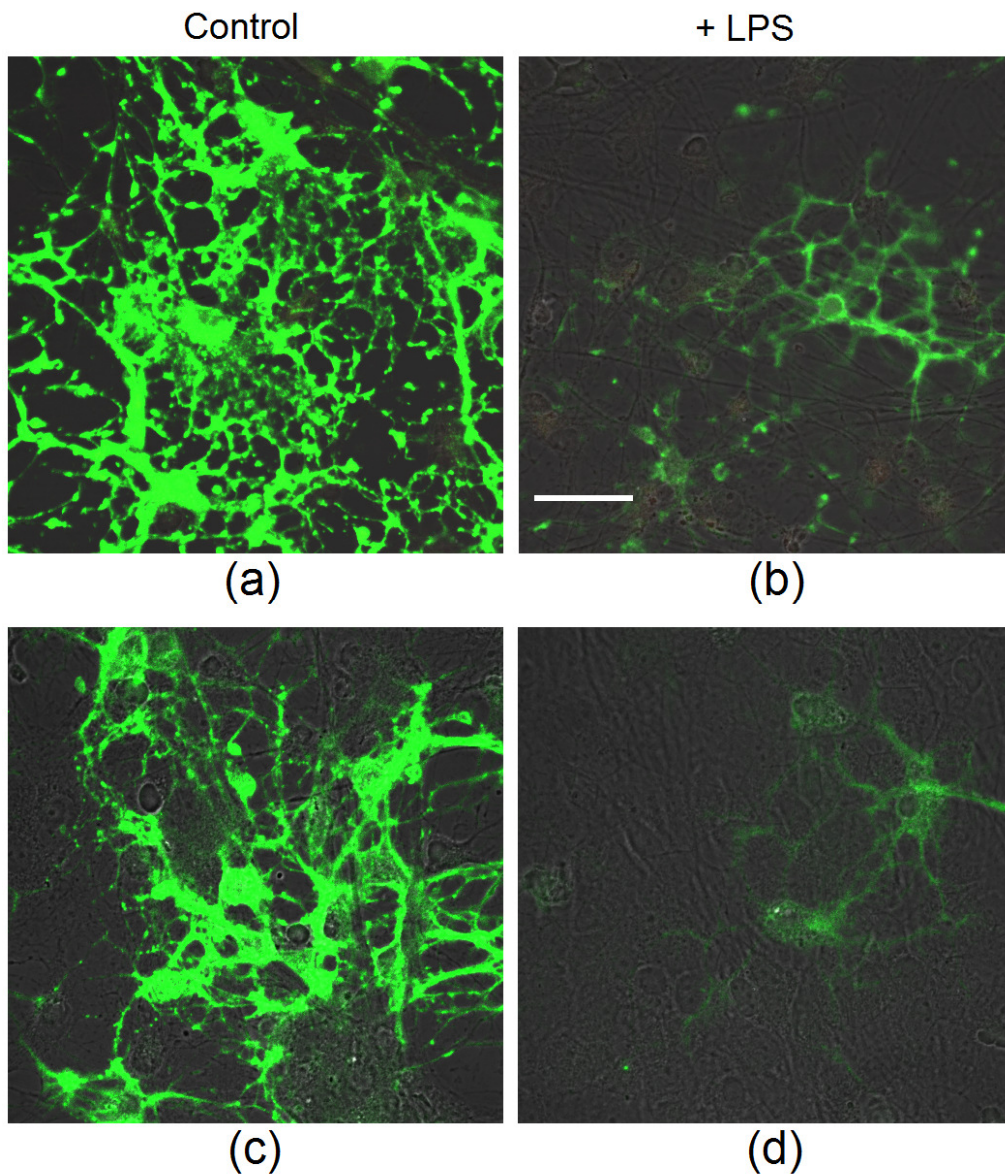


Figure S1. Myelin content was diminished in the cultures after incubation with LPS. The primary oligodendrocyte culture of cerebellar explants of newborn rats upon 14 days of cultivation. Representative images of immunostaining for MBP: (a, c) control and (b, d) treatment with LPS. Number of cells in the field views: (a) 44, (b) 45, (c) 34 and (d) 36. The cells were incubated with rabbit antibodies to MBP and Alexa-Fluor-488-conjugated anti-IgG to mark myelin (green). Scale bar, 20 μ m. Confocal microscope, Carl Zeiss LSM 510.