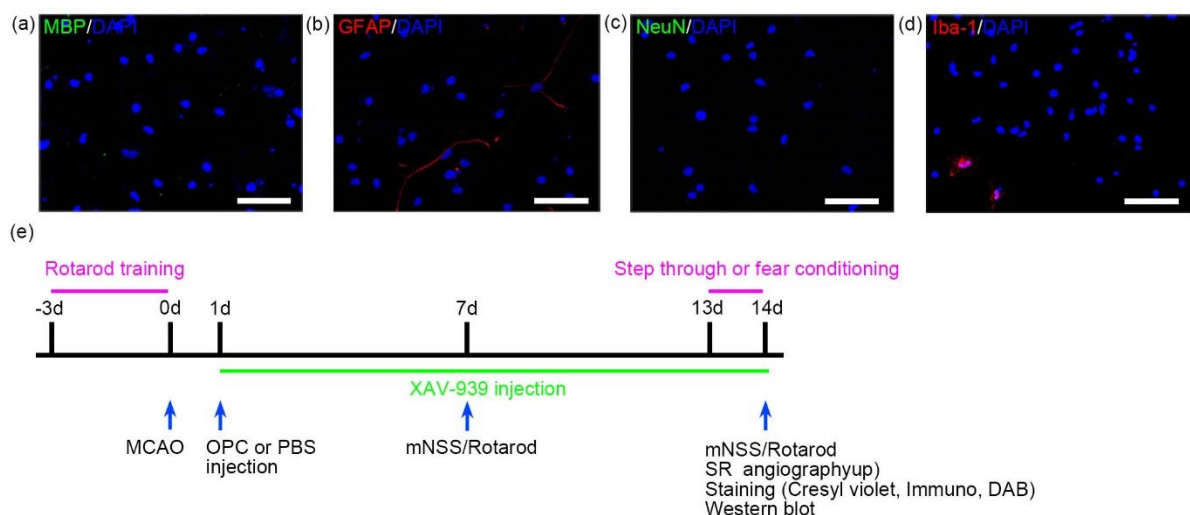


Oligodendrocyte precursor cell transplantation promotes angiogenesis and remyelination via Wnt/ β -catenin pathway in a mouse model of middle cerebral artery occlusion

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Supplemental 1 OPCs identification and experimental design.

Representative image of MBP (a), NeuN (b), GFAP (c) and Iba-1 (d) in cultured cells. Scale bar=50 μ m. (e) Diagram of experimental design.



Supplemental 2 Wnt7a knockdown in OPCs.

(a) Wnt7a FAM-siRNA (green) got into the cell body of the cultured OPCs after 6 hrs of siRNA transfection. Scale bar=50 μ m. (b) Western blot of the Wnt7a expression in the Blank, NC and SI group. Data are mean \pm SD, n=3 per group, *** p <0.001, as compared to the Blank group. Blank: without siRNA; NC: with negative control siRNA; SI: with Wnt7a siRNA.

