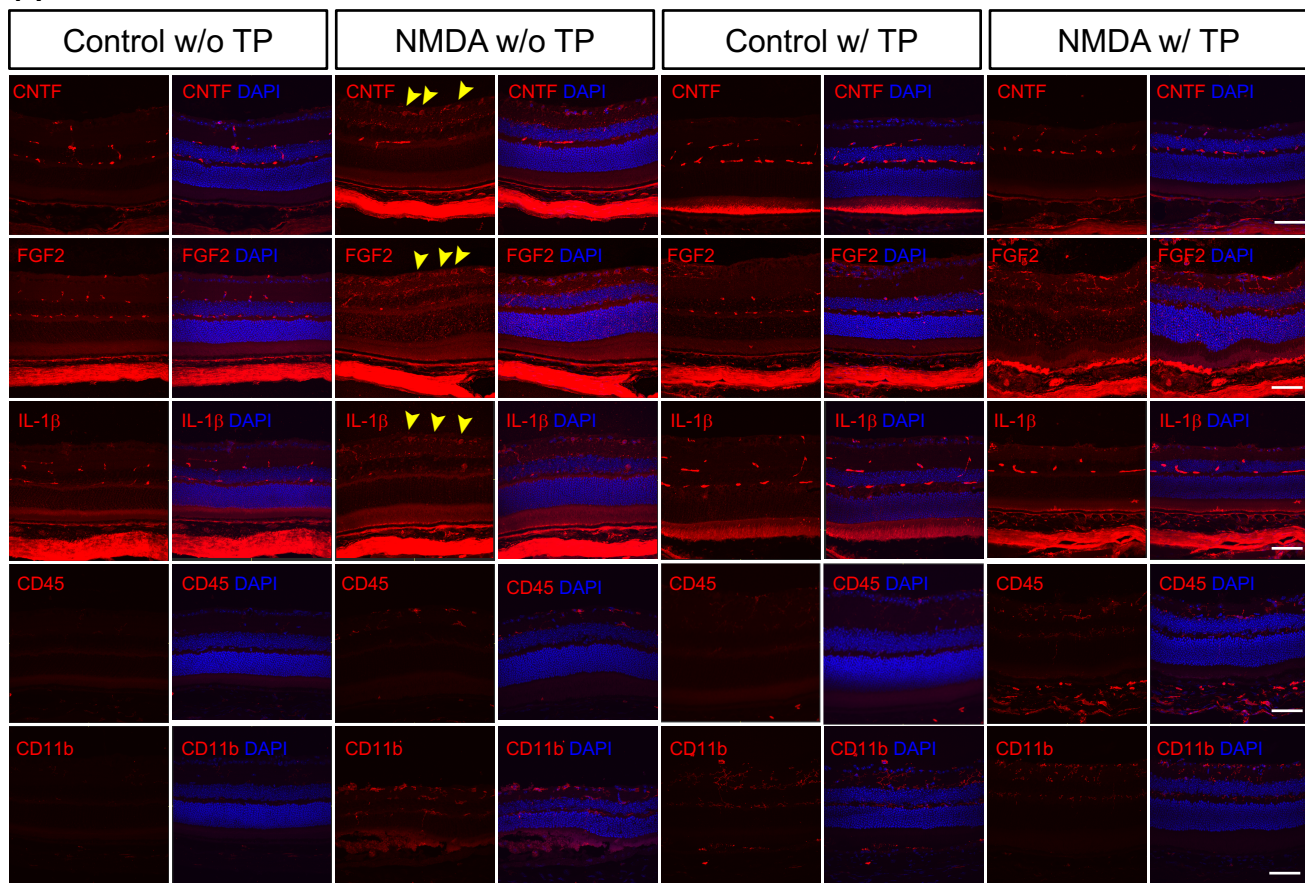
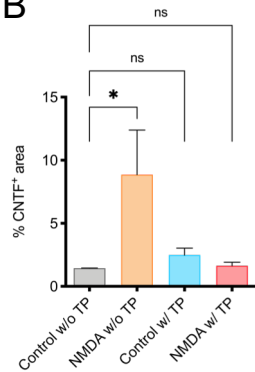
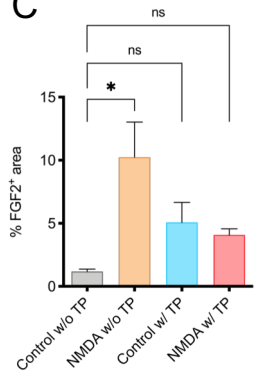
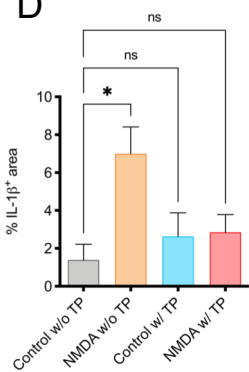
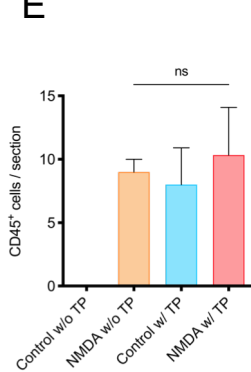
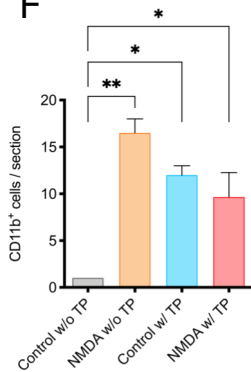


A**B****C****D****E****F**

Supplementary Figure S3. Alternation of inflammatory cytokines and leukocytes in the retina after transplantation.

(A) Representative images of retinal cross-sections showing inflammatory/protective cytokines (CNTF, FGF2 and IL-1 β , yellow arrows), CD45-positive and CD11b-positive macrophage/microglia in the retina at 1 week after NMDA treatment or/and transplantation. Scale bar: 60 μ m. (B-F) Quantification of the ratio of CNTF-positive area per retinal cross-section (B), FGF2-positive area per retinal cross-section (C), IL-1 β -positive area per retinal cross-section (D), CD45-positive cells per retinal cross-section (E), and CD11b-positive cells per retinal cross-section (F), at 1 week after NMDA treatment or/and transplantation. CNTF, ciliary neurotrophic factor. TNF α , Tumor Necrosis Factor-Alpha. FGF2, Fibroblast Growth Factor 2. IL-1 β , interleukin 1 beta. IL-6, interleukin 6. TP, transplantation; w/, with; w/o, without. n = 2 or 3 retinas. Values are shown as mean \pm SEM. One-way ANOVA followed by Tukey's test, for statistics. *p < 0.05; **p < 0.01; ns, not significant.