



**Supplemental Fig 1. Short Neurological Assessment** There is a significant decrease in neuroscore on day 7 in animals treated at 3d when compared to injured controls. Data represent mean scores  $\pm$  SEM. Statistical analysis performed by Two-way ANOVA with Tukey's post hoc test. (\*,  $p < 0.05$ ). Sham,  $n = 10$ , CCI + PBS,  $n = 13$ , CCI + HB-adMSCs 3d,  $n = 7$ , CCI + HB-adMSCs 14d,  $n = 3$ .