



### Supplementary figure S1

Tyrosine hydroxylase (TH) analysis. (A) TH immunoreactive catecholaminergic neurons of SNpc and their projections in the striatum (upper) and SNpc (lower) in controls (CTR), mice treated with Vitamin C (VIT C), MPTP, MPTP and Vitamin C (MPTP+ VIT C). Scale bar: (striatum) upper 1000  $\mu\text{m}$  (objective 4 $\times$ ), lower 50  $\mu\text{m}$  (obj. 40 $\times$ ); (SNpc) upper 500  $\mu\text{m}$  (obj. 4 $\times$ ), lower 100  $\mu\text{m}$  (obj. 20 $\times$ ).