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Author Correction: A morphological analysis of activity-dependent myelination and myelin injury in transitional oligodendrocytes

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-021-88887-0>, published online 05 May 2021

The original version of this Article contained errors in Figure 5, where data and statistical results shown in panels C and D were based on a previous analysis which did not reflect the aggregation of image data points to individual brain slices.

As a result, the legend of Figure 5

“Sustained inhibition of neuronal activity reduces myelination of cerebellar white matter. (A,B) Maximum projection images from representative control (A) and TTX (B) treated cerebellar slices showing immunofluorescent signals for anti-NF200 (Ai, Bi) anti-MBP (Aii, Bii), and co-localisations used to quantify myelination (Aiii, Biii). (C) Quantification of anti-NF200 signals. Mean NF200 pixel fraction is reduced by TTX (Control 20.4 ± 0.5 , TTX 17.7 ± 0.5). (D) Average MBP/NF200 ratios normalized against the NF200 signal are significantly reduced by TTX (Control 0.4 ± 0.02 , TTX 0.29 ± 0.02). Scale bars in (A) and (B) $20 \mu\text{m}$. * and *** Significance $P < 0.05$ and $P < 0.001$, respectively. Data expressed as means \pm SEM.”

now reads:

“Sustained inhibition of neuronal activity reduces myelination of cerebellar white matter. (A,B) Maximum projection images from representative control (A) and TTX (B) treated cerebellar slices showing immunofluorescent signals for anti-NF200 (Ai, Bi) anti-MBP (Aii, Bii), and co-localisations used to quantify myelination (Aiii, Biii). (C) Quantification of anti-NF200 signals. Mean NF200 pixel fraction is reduced by TTX (Control 20.4 ± 0.7 , TTX 17.9 ± 0.7). (D) Average MBP/NF200 ratios normalized against the NF200 signal are significantly reduced by TTX (Control 0.4 ± 0.02 , TTX 0.29 ± 0.02). Scale bars in (A) and (B) $20 \mu\text{m}$. * and ** Significance $P < 0.05$ and $P < 0.01$, respectively. Data expressed as means \pm SEM.”

In addition, the part label B has been corrected to ‘Bi’.

The original Figure 5 and its accompanying legend appear below.

The original Article has been corrected.

Published online: 18 August 2021

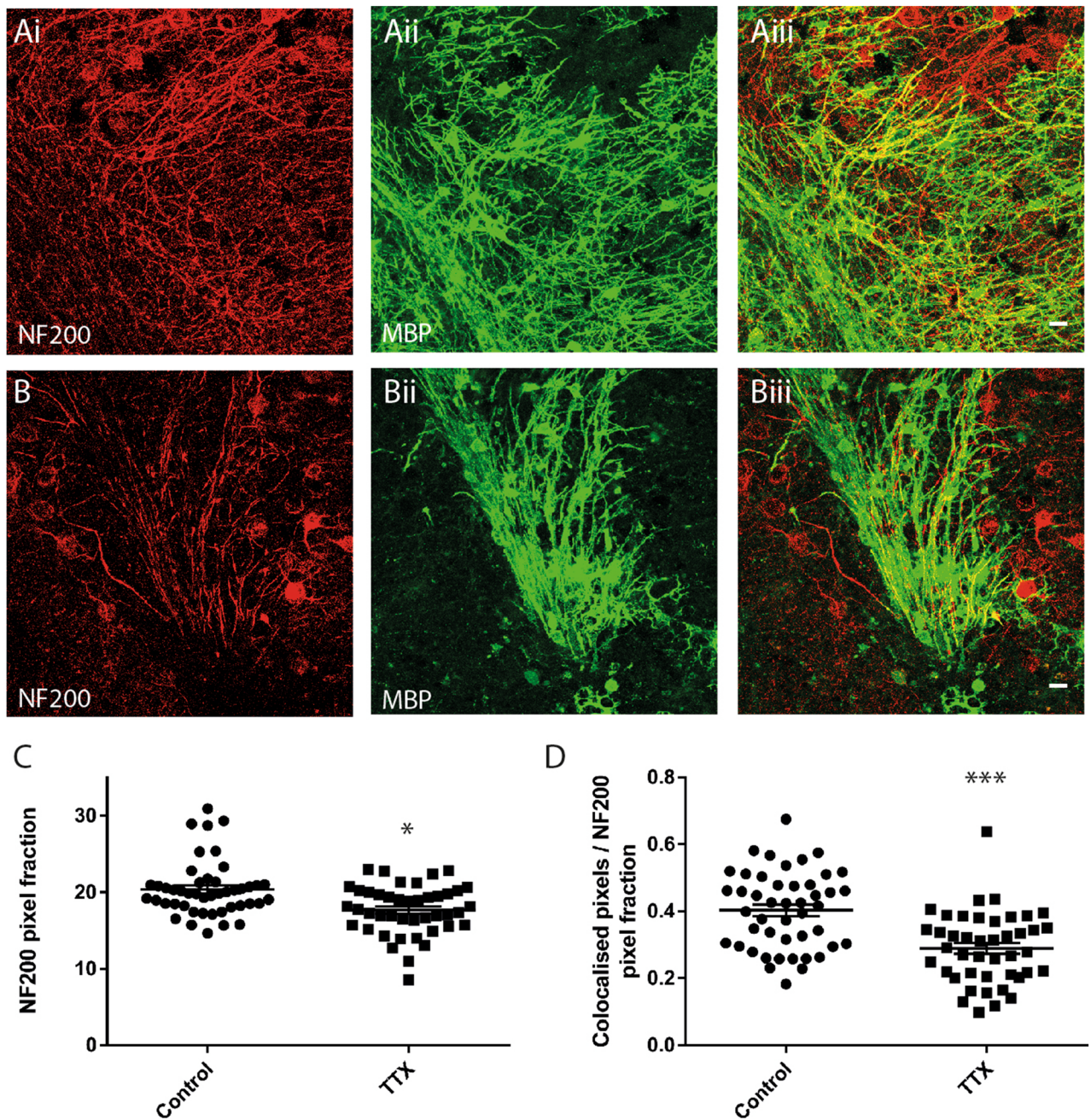



Figure 5. Sustained inhibition of neuronal activity reduces myelination of cerebellar white matter. **(A,B)** Maximum projection images from representative control **(A)** and TTX **(B)** treated cerebellar slices showing immunofluorescent signals for anti-NF200 **(Ai,Bi)** anti-MBP **(Aii,Bii)**, and co-localisations used to quantify myelination **(Aiii,Biii)**. **(C)** Quantification of anti-NF200 signals. Mean NF200 pixel fraction is reduced by TTX (Control 20.4 ± 0.5 , TTX 17.7 ± 0.5). **(D)** Average MBP/NF200 ratios normalized against the NF200 signal are significantly reduced by TTX (Control 0.4 ± 0.02 , TTX 0.29 ± 0.02). Scale bars in **(A)** and **(B)** 20 μm . * and *** Significance $P < 0.05$ and $P < 0.001$, respectively. Data expressed as means \pm SEM.

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