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## Author Correction: Comparative profiling of cortical gene expression in Alzheimer's disease patients and mouse models demonstrates a link between amyloidosis and neuroinflammation

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-017-17999-3>, published online 19 December 2017

This article contains errors in the Introduction, where

“*App*<sup>NL-G-F/NL-G-F</sup> mice carrying the homozygous mutant *App* gene encoding the humanised A $\beta$  sequence (G601R, F606Y, and R609H) with three pathogenic mutations, namely Swedish (KM595/596NL), Beyreuther/Iberian (I641F), and Arctic (E618G)<sup>10</sup>, progressively exhibit A $\beta$  accumulation starting at 4 to 6 months of age, dense distributions of microglia and astrocytes from 9 months of age, and behavioural symptoms from 8 to 12 months of age<sup>10,11</sup>.”

should read:

“*App*<sup>NL-G-F/NL-G-F</sup> mice carrying the homozygous mutant *App* gene encoding the humanised A $\beta$  sequence (G676R, F681Y, and R684H) with three pathogenic mutations, namely Swedish (KM670/671NL), Beyreuther/Iberian (I716F), and Arctic (E693G)<sup>10</sup>, progressively exhibit A $\beta$  accumulation starting at 4 to 6 months of age, dense distributions of microglia and astrocytes from 9 months of age, and behavioural symptoms from 8 to 12 months of age<sup>10,11</sup>.”

In addition, in the Methods section, under the subheading ‘Animals’,

“Heterozygous *App*<sup>+ /NL-G-F</sup> mice carrying humanised A $\beta$  sequence (G601R, F606Y, R609H), Swedish (ML595/596NL), Beyreuther/Iberian (I641F), and Arctic (E618G) mutations, were previously established<sup>10</sup>.”

should read:

“Heterozygous *App*<sup>+ /NL-G-F</sup> mice carrying humanised A $\beta$  sequence (G676R, F681Y, R684H), Swedish (KM670/671NL), Beyreuther/Iberian (I716F), and Arctic (E693G) mutations, were previously established<sup>10</sup>.”

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