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OPEN Correction to: Polyphenols journey through blood-brain barrier towards neuronal protection

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Correction to: Scientific Reports https://doi.org/10.1038/s41598-017-11512-6, published online 13 September 2017

The original version of this Article contained an error in Figure 3a where the oxidative lesion applied was incorrect,

"300 µM t-BHP"

now reads:

"300 µM H₂O₂"

Moreover, the original version of this Article also contained an error in Figure 3b where the glutamate excitotoxicity was incorrect,

"300 µM H₂O₂"

now reads:

"100 µM glutamate"

The figure legend was correct at the time of publication. The original Figure 3 and accompanying legend appear below.

The original Article has been corrected.



Figure 3. Cytoprotective potential of Cat-sulf and Pyr-sulf. (a) HBMEC line submitted to oxidative stress (300 μ M H₂O₂); (b) primary mouse cerebellar granule cells exposed to glutamate excitotoxicity (100 μ M glutamate); (c) 3D aggregates containing neurons and astrocytes exposed to oxidative injury (300 μ M *t*-BHP). Cells were pre-incubated with 5 μ M of each bioavailable polyphenol metabolite for 24 h and then injured with the respective lesion. Cell viability was assessed and is presented as percentage relatively to control. Statistical differences are denoted as ***p<0.001, **p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.001, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01, #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01. #*p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.01 and *p<0.05 relatively to control and as ^{###}p<0.001 relatively to *t*-BHP. Western blots were analyzed under the same experimental conditions. Data are presented as the means ± SD, n=3.

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