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## Author Correction

### Radioligand binding analysis of adrenoceptors with [C]yohimbine in brain in vivo: Extended Inhibition Plot correction for plasma protein binding

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## Author Correction: Radioligand binding analysis of $\alpha_2$ adrenoceptors with [ $^{11}\text{C}$ ]yohimbine in brain in vivo: Extended Inhibition Plot correction for plasma protein binding

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-017-16020-1>, published online 22 November 2017

Dean F. Wong was omitted from the author list in the original version of this Article. This has been corrected in the PDF and HTML versions of the Article, and in the accompanying Supplementary Material file.

The Acknowledgements section now reads:

“The authors thank Professor Doris Doudet for constructive scientific discussions and suggestions. We thank Mette Simonsen for technical assistance with PET acquisitions and blood sampling. Jenny-Ann Phan is a recipient of an MD-PhD fellowship from Aarhus University. The experiments were funded by Department of Nuclear Medicine and PET Centre, Aarhus University Hospital and by grants from the Council of Independent Research, Denmark. All authors declare no conflicts of interest, including relevant financial interests, activities, relationships, and affiliations. DFW acknowledges PHS NIH grant 2 R01 MH107197.”

The Author Contributions section now reads:

“J.A.P. designed, planned, and performed the experiments, analyzed data, and wrote scripts for the graphical user interface in MATLAB. A.M.L. contributed to study design, planning and assistance with image quantification. S.J. was responsible of radioligand production. D.F.W contributed to the content of the paper and interpretation of results of the study. A.G. conceived the study, designed the kinetic analyses, and supervised the work throughout the study. J.A.P. and A.G. wrote the manuscript.”

Additionally, this Article contained a typographical error in the Methods section.

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“As  $m_2$ , is unknown, eq. 11 is solved by substitution of the expression,  $m(1 - m_1/m)$ ,”

now reads:

“As  $m_2$ , is unknown, eq. 11 is solved by substitution of the expression,  $m(1 - m_1/m)$ ,”

Finally, this Article contained errors in Equation 12.

$$m(T) = V_0 c_a(T) + K_1 \int_0^T c_a(t) dt - k_2' \int_0^T m(t) \left( \frac{1 - m_1(t)}{m(t)} \right) dt$$

now reads:

$$m(T) = V_0 c_a(T) + K_1 \int_0^T c_a(t) dt - k_2' \int_0^T m(t) \left( 1 - \frac{m_1(t)}{m(t)} \right) dt$$

These errors have now been corrected in the PDF and HTML versions of the Article, and in the accompanying Supplementary Information file.



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