

CORRECTION

Correction: Mechanism of Inhibition of the Human Sirtuin Enzyme SIRT3 by Nicotinamide: Computational and Experimental Studies

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The authors would like to provide the expressions for $K_1, K_2, K_3, K_{m, NAD^+}$ and v_{max} for Equation 3, which should have been included as a supplementary file with the article.

The expressions for $K_1, K_2, K_3, K_{m, NAD^+}$ and v_{max} are provided in [S1 File](#) in this Correction.

For sirtuins, $k_{cat} \ll k_j, j \neq cat$ does not imply $K_{m, NAD^+} \approx K_{d, NAD^+}$; see [S1 File](#).

Supporting Information

S1 File. Initial rate model for sirtuin deacetylation kinetics.
(PDF)

Reference

1. Guan X, Lin P, Knoll E, Chakrabarti R (2014) Mechanism of Inhibition of the Human Sirtuin Enzyme SIRT3 by Nicotinamide: Computational and Experimental Studies. PLoS ONE 9(9): e107729. doi: [10.1371/journal.pone.0107729](https://doi.org/10.1371/journal.pone.0107729) PMID: [25221980](https://pubmed.ncbi.nlm.nih.gov/25221980/)



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Citation: Guan X, Lin P, Knoll E, Chakrabarti R (2015) Correction: Mechanism of Inhibition of the Human Sirtuin Enzyme SIRT3 by Nicotinamide: Computational and Experimental Studies. PLoS ONE 10(8): e0136127. doi: [10.1371/journal.pone.0136127](https://doi.org/10.1371/journal.pone.0136127)

Published: August 14, 2015

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