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Corrigendum: Tox21Enricher-Shiny: an R Shiny application for toxicity functional annotation analysis

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A Corrigendum on

Tox21Enricher-Shiny: an R Shiny application for toxicity functional annotation analysis

by Combs P, Erickson J, Hsieh J-H, Guo K, Nolte S, Schmitt C, Auerbach S and Hur J (2023). Front. Toxicol. 5:1147608. doi: 10.3389/ftox.2023.1147608

In the published article, the citation for National Center for Advancing Translational Sciences was displayed as "National Center for Advancing Translational Sciences, 2018". The correct citation is in **Introduction**, Paragraph 4 and should read:

"Tox21Enricher-Shiny contains annotations from various sources for 8,948 chemicals derived from the Tox21 10K library, which is a set of 10,000 chemicals currently being studied by the National Center for Advancing Translational Sciences (NCATS) (National Center for Advancing Translational Sciences, 2022). The scope of the annotations in the database is limited to data that could be collected from studying these chemicals."

In the published article, the reference for Hur et al. (2018) was incorrectly omitted. It should be "Hur J., Danes, L., Hsieh, J.-H., McGregor, B., Krout, D., and Auerbach, S. (2018). Tox21 Enricher: Web-based Chemical/Biological Functional Annotation Analysis Tool Based on Tox21 Toxicity Screening Platform. Molecular Informatics 2018 May; 37(5): e1700129. doi: 10.1002/minf.201700129".

In the published article, the reference for Sushko et al. (2012) was incorrectly omitted. It should be "Sushko, I., Salmina, E., Potemkin, V. A., Poda, G., and Tetko, I. V. (2012). ToxAlerts: a Web server of structural alerts for toxic chemicals and compounds with potential adverse reactions. J Chem Inf Model. 2012 Aug 27; 52(8): 2310-6. doi: 10.1021/ci300245q".

In the published article, there was an error in the reference for National Center for Advancing Translational Sciences (2022). The corrected reference appears below.

"National Center for Advancing Translational Sciences (2022). About Tox21. Available at: https://ncats.nih.gov/tox21 (Accessed August 14 2023)".

The authors apologize for these errors and state that they do not change the scientific conclusions of the article in any way. The original article has been updated.

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Hur, J., Danes, L., Hsieh, J.-H., McGregor, B., Krout, D., and Auerbach, S. (2018). Tox21 Enricher: web-based chemical/biological functional annotation analysis tool based on Tox21 toxicity screening platform. *Mol. Inform.* 37 (5), e1700129. doi:10.1002/minf. 201700129

Sushko, I., Salmina, E., Potemkin, V. A., Poda, G., and Tetko, I. V. (2012). ToxAlerts: a web server of structural alerts for toxic chemicals and compounds organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.

with potential adverse reactions. J. Chem. Inf. Model. 52 (8), 2310–2316. doi:10.1021/ ci300245q

National Center for Advancing Translational Sciences. (2022). About Tox21. Available at: https://ncats.nih.gov/tox21 (Accessed August 14, 2023).