CORRECTION Open Access

Correction to: Molecular mechanics and dynamic simulations of well-known Kabuki syndrome-associated KDM6A variants reveal putative mechanisms of dysfunction

Young-In Chi^{1,2,3}, Timothy J. Stodola^{1,2}, Thiago M. De Assuncao^{1,3}, Elise N. Levrence¹, Swarnendu Tripathi^{1,2}, Nikita R. Dsouza^{1,2}, Angela J. Mathison^{1,2,3}, Donald G. Basel^{1,4}, Brian F. Volkman⁵, Brian C. Smith⁵, Gwen Lomberk^{1,3,6}, Michael T. Zimmermann^{1,2,7} and Raul Urrutia^{1,2,3,4*}

Correction to: Orphanet J Rare Dis (2021) 16:66 https://doi.org/10.1186/s13023-021-01692-

w

After the publication of the original article [1], the authors became aware of the work by Petrizzelli et al., 2020 [2]. The two studies truly represent independent works, for which contents are different. Indeed, although both studies contain molecular dynamics data, each of them use different approaches as well as derived sets of analysis and interpretations which are different in depth of information. Therefore, both studies should be considered complementary to each other.

Author details

¹Genomic Sciences and Precision Medicine Center (GSPMC), Medical College of Wisconsin, Milwaukee, WI, USA. ²Bioinformatics Research and Development Laboratory, and Precision Medicine Simulation Unit, GSPMC, Medical College of Wisconsin, Milwaukee, WI, USA. ³Division of Research, Department of Surgery, Medical College of Wisconsin, Milwaukee, WI, USA. ⁴Division of Pediatric Genetics, Department of Pediatrics, Medical College of Wisconsin, Milwaukee, WI, USA. ⁵Department of Biochemistry, Medical College of Wisconsin, Milwaukee, WI, USA. ⁶Department of Pharmacology and Toxicology, Medical College

of Wisconsin, Milwaukee, WI, USA. ⁷Clinical and Translational Sciences Institute, Medical College of Wisconsin, Milwaukee, WI, USA.

Published online: 01 June 2021

References

- Chi, et al. Molecular mechanics and dynamic simulations of well-known Kabuki syndrome-associated KDM6A variants reveal putative mechanisms of dysfunction. Orphanet J Rare Dis. 2021;16:66. https://doi.org/10. 1186/s13023-021-01692-w.
- Petrizzelli, et al. Mechanisms of pathogenesis of missense mutations on the KDM6A-H3 interaction in type 2 Kabuki syndrome. Comput Struct Biotechnol J. 2020;18:2033–42.

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The original article can be found online at https://doi.org/10.1186/s13023-021-01692-w.

Full list of author information is available at the end of the article



© The Author(s) 2021. This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit http://creativecommons.org/licenses/by/4.0/. The Creative Commons Public Domain Dedication waiver (http://creativecommons.org/publicdomain/zero/1.0/) applies to the data made available in this article, unless otherwise stated in a credit line to the data.

^{*}Correspondence: rurrutia@mcw.com

¹ Genomic Sciences and Precision Medicine Center (GSPMC), Medical College of Wisconsin, Milwaukee, WI, USA