

**EDITORIAL EXPRESSION OF CONCERN**

Editorial Expression of Concern: Differential effects of growth hormone and alfa calcidol on trabecular and cortical bones in hypophysectomized rats

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The Editor-in-Chief is publishing an editorial Expression of Concern for this article. In 2019 a Correction¹ was published explaining that this study was part of a larger project.² However, concerns about the reliability of the data have now been raised.³ These concerns are that statistical analysis of the summary data in this article and in ref. ² that appear to be identical with those reported in ref. ⁴ suggests that these studies were not conducted independently from the study reported in ref. ⁴ The original data from this study are not available for examination. Readers are therefore advised to interpret the results and conclusions presented in this article with caution. Afshan A. Chaudhry has not explicitly stated whether they agree with this notice. John F. Aloia, James K. Yeh, Mariano Castro-Magana,

and Maria Sarah Guevarra have not responded to correspondence from the Journal about this notice.

REFERENCES

1. Chaudhry, A. A., Castro-Magana, M., Aloia, J. F., Yeh, J. K. & Guevarra, M. S. Correction: Differential effects of growth hormone and alfa calcidol on trabecular and cortical bones in hypophysectomized rats. *Pediatr. Res.* **87**, 970 (2020).
2. Guevarra, M. S., Yeh, J. K., Castro Magana, M. & Aloia, J. F. Synergistic effect of parathyroid hormone and growth hormone on trabecular and cortical bone formation in hypophysectomized rats. *Horm. Res. Paediatr.* **73**, 248–257 (2010).
3. Bolland, M. J., Gamble, G. D., Avenell, A. & Grey, A. Identical summary statistics were uncommon in randomized trials and cohort studies. *J. Clin.* **136**, 180–188 (2021).
4. Iglesias, L., Yeh, J. K., Castro-Magana, M. & Aloia, J. F. Effects of growth hormone on bone modeling and remodeling in hypophysectomized young female rats: a bone histomorphometric study. *J Bone Miner Metab* **29**, 159–167 (2011).